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## Han® 3 A Standard Hoods/Housings Metal hoods/housings for industrial applications

|                                                                  |                                                         |
|------------------------------------------------------------------|---------------------------------------------------------|
| Material                                                         | zinc die-cast                                           |
| Colour                                                           | RAL 7037 (grey)                                         |
| Surface                                                          | powder-coated                                           |
| Locking element                                                  | steel, zinc-plated                                      |
| Lever type                                                       | lever, metal                                            |
| Hoods/Housings seal                                              | NBR                                                     |
| Limiting temperatures                                            | -40 °C ... +125 °C                                      |
| Flammability acc. to UL 94                                       | V 0                                                     |
| Degree of protection acc. to DIN EN 60 529 for coupled connector | IP44<br>IP67 is achieved with seal screw 09 20 000 9918 |

## Han-Drive® Housings for motor applications

|                                                                  |                                                   |
|------------------------------------------------------------------|---------------------------------------------------|
| Material                                                         | aluminium die-cast                                |
| Colour                                                           | non coloured / RAL 7037 (grey)                    |
| Surface                                                          | electrical conductive / powder-coated / unpainted |
| Locking element                                                  | stainless steel                                   |
| Lever type                                                       | Han-Easy Lock®                                    |
| Hoods/Housings seal                                              | NBR                                               |
| Limiting temperatures                                            | -40 °C ... +125 °C                                |
| Approval acc. to UL 50                                           | NEMA Type 4/4X/12                                 |
| Degree of protection acc. to DIN EN 60 529 for coupled connector | IP65                                              |

## Han® 3 A Hoods/Housings Plastic hoods/housings for industrial applications

|                                                                  |                                                         |
|------------------------------------------------------------------|---------------------------------------------------------|
| Material                                                         | polycarbonate                                           |
| Colour                                                           | RAL 7032 (light grey) / RAL 9005 (black)                |
| Locking element                                                  | polyamide                                               |
| Lever type                                                       | lever, plastic                                          |
| Hoods/Housings seal                                              | NBR                                                     |
| Limiting temperatures                                            | -40 °C ... +125 °C                                      |
| Approval acc. to UL 50                                           | NEMA Type 4/4X/12                                       |
| Flammability acc. to UL 94                                       | V 0                                                     |
| Degree of protection acc. to DIN EN 60 529 for coupled connector | IP44<br>IP67 is achieved with seal screw 09 20 000 9918 |

## Han® 3 M Hoods/Housings Hoods/Housings for higher environmental requirements

|                                                                  |                                                         |
|------------------------------------------------------------------|---------------------------------------------------------|
| Material                                                         | zinc die-cast                                           |
| Colour                                                           | RAL 9005 (black)                                        |
| Surface                                                          | - Top coat epoxy powder paint                           |
| Locking element                                                  | stainless steel                                         |
| Lever type                                                       | lever, metal                                            |
| Hoods/Housings seal                                              | FPM                                                     |
| Limiting temperatures                                            | -40 °C ... +125 °C                                      |
| Corrosion resistance                                             | ASTM B117-09 (500 h)                                    |
| Degree of protection acc. to DIN EN 60 529 for coupled connector | IP44<br>IP67 is achieved with seal screw 09 20 000 9918 |

## Han® Standard Hoods/Housings Metal hoods/housings for industrial applications

|                                                                  |                    |
|------------------------------------------------------------------|--------------------|
| Material                                                         | aluminium die-cast |
| Colour                                                           | RAL 7037 (grey)    |
| Surface                                                          | powder-coated      |
| Locking element                                                  | stainless steel    |
| Lever type                                                       | Han-Easy Lock®     |
| Hoods/Housings seal                                              | NBR                |
| Limiting temperatures                                            | -40 °C ... +125 °C |
| Approval acc. to UL 50                                           | NEMA Type 4/4X/12  |
| Degree of protection acc. to DIN EN 60 529 for coupled connector | IP65               |

## Han® M Hoods/Housings Hoods/Housings for higher environmental requirements

|                                                                  |                               |
|------------------------------------------------------------------|-------------------------------|
| Material                                                         | aluminium die-cast            |
| Colour                                                           | RAL 9005 (black)              |
| Surface                                                          | - Top coat epoxy powder paint |
| Locking element                                                  | stainless steel               |
| Lever type                                                       | lever, metal                  |
| Hoods/Housings seal                                              | FPM                           |
| Limiting temperatures                                            | -40 °C ... +125 °C            |
| Approval acc. to UL 50                                           | NEMA Type 4/4X/12             |
| Corrosion resistance                                             | ASTM B117-09 (500 h)          |
| Degree of protection acc. to DIN EN 60 529 for coupled connector | IP65                          |

## Han® 3 EMC Hoods/Housings Hoods/Housings for higher EMC requirements

|                                                                  |                                                         |
|------------------------------------------------------------------|---------------------------------------------------------|
| Material                                                         | zinc die-cast                                           |
| Colour                                                           | non coloured                                            |
| Surface                                                          | electrical conductive                                   |
| Locking element                                                  | steel, zinc-plated                                      |
| Lever type                                                       | lever, metal                                            |
| Hoods/Housings seal                                              | NBR                                                     |
| Limiting temperatures                                            | -40 °C ... +125 °C                                      |
| Degree of protection acc. to DIN EN 60 529 for coupled connector | IP44<br>IP67 is achieved with seal screw 09 20 000 9918 |

## Han-INOX® Hoods/Housings for higher corrosion requirements

|                                                                  |                                                                 |
|------------------------------------------------------------------|-----------------------------------------------------------------|
| Material                                                         | stainless steel                                                 |
| Colour                                                           | non coloured                                                    |
| Surface                                                          | electrical conductive                                           |
| Locking element                                                  | stainless steel                                                 |
| Lever type                                                       | lever, metal                                                    |
| Hoods/Housings seal                                              | NBR                                                             |
| Limiting temperatures                                            | -40 °C ... +125 °C                                              |
| Degree of protection acc. to DIN EN 60 529 for coupled connector | IP65<br>IP44<br>IP67 is achieved with seal screw 09 20 000 9918 |
| - Size Han® 3 A                                                  |                                                                 |

## Han® EMC Hoods/Housings Hoods/Housings for higher EMC requirements

|                                                                  |                       |
|------------------------------------------------------------------|-----------------------|
| Material                                                         | aluminium die-cast    |
| Colour                                                           | non coloured          |
| Surface                                                          | electrical conductive |
| Locking element                                                  |                       |
| - Screw locking                                                  | M5                    |
| - Material                                                       | stainless steel       |
| - Tightening torque                                              | 3 Nm                  |
| Hoods/Housings seal                                              | NBR                   |
| Limiting temperatures                                            | -40 °C ... +125 °C    |
| Approval acc. to UL 50                                           | NEMA Type 4/4X/12     |
| Degree of protection acc. to DIN EN 60 529 for coupled connector | IP65                  |

## Han® 3 HPR Hoods/Housings Hoods/Housings for harsh environmental requirements

|                                                                  |                                |
|------------------------------------------------------------------|--------------------------------|
| Material                                                         | zinc die-cast                  |
| Colour                                                           | RAL 9005 (black)               |
| Surface                                                          |                                |
| - Top coat                                                       | epoxy powder paint / chromated |
| Locking element                                                  |                                |
| - Screw locking                                                  | M4                             |
| - Material                                                       | stainless steel                |
| - Tightening torque                                              | 2 Nm                           |
| Hoods/Housings seal                                              | NBR                            |
| Limiting temperatures                                            | -40 °C ... +125 °C             |
| Corrosion resistance                                             | ASTM B117-09 (500 h)           |
| Degree of protection acc. to DIN EN 60 529 for coupled connector | IP68 / IP69K                   |

**Attention**  
The sealing on the insert has to be removed.  
The sealing screw of the insulation body must be replaced by the sealing screw of the hood.

## Han® EMC/B Hoods/Housings Hoods/Housings for higher EMC requirements

|                                                                  |                       |
|------------------------------------------------------------------|-----------------------|
| Material                                                         |                       |
| - Hoods/Housings                                                 | aluminium die-cast    |
| - shielded frames                                                | zinc die-cast alloy   |
| Colour                                                           | non coloured          |
| Surface                                                          |                       |
| - Hoods/Housings                                                 | electrical conductive |
| - shielded frames                                                | electrical conductive |
| Locking element                                                  | stainless steel       |
| Lever type                                                       | Han-Easy Lock®        |
| Hoods/Housings seal                                              | NBR                   |
| Limiting temperatures                                            | -40 °C ... +125 °C    |
| Approval acc. to UL 50                                           | NEMA Type 4/4X/12     |
| Degree of protection acc. to DIN EN 60 529 for coupled connector | IP65                  |

## Han® HPR Hoods/Housings Hoods/Housings for harsh environmental requirements

|                                                                  |                                              |
|------------------------------------------------------------------|----------------------------------------------|
| Material                                                         | aluminium die-cast, corrosion resistant      |
| Colour                                                           | RAL 9005 (black)                             |
| Surface                                                          |                                              |
| - Top coat                                                       | epoxy powder paint                           |
| Locking element                                                  |                                              |
| - Screw locking                                                  | M6                                           |
| - Material                                                       | stainless steel                              |
| - Tightening torque                                              | 4 Nm                                         |
| - Toggle locking                                                 |                                              |
| - Material                                                       | stainless steel                              |
| Hoods/Housings seal                                              | NBR                                          |
| Limiting temperatures                                            | -40 °C ... +125 °C                           |
| Approval acc. to UL 50                                           | NEMA Type 4/4X/12                            |
| Corrosion resistance                                             | ASTM B117-09 (500 h)                         |
| Degree of protection acc. to DIN EN 60 529 for coupled connector | IP68 / IP69K (does not apply to Han® 48 HPR) |

## Features

- Metal hoods/housings for industrial applications

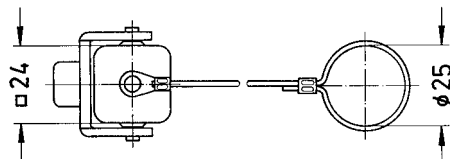
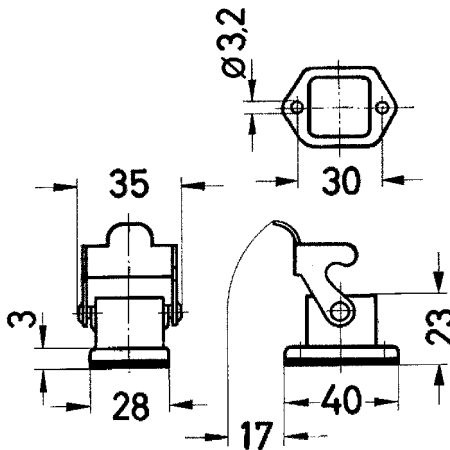
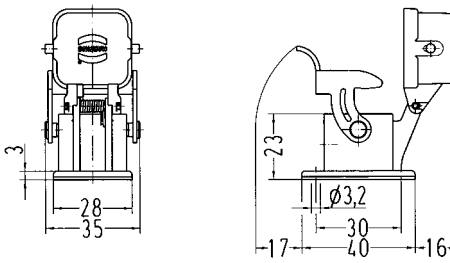
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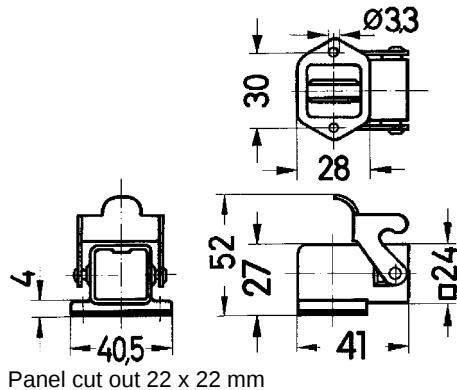
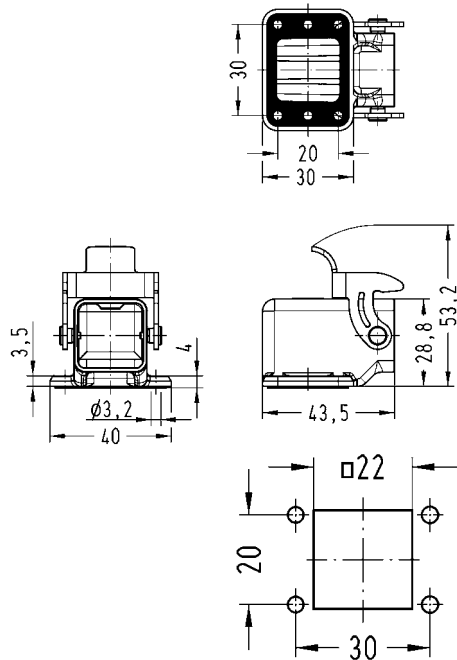
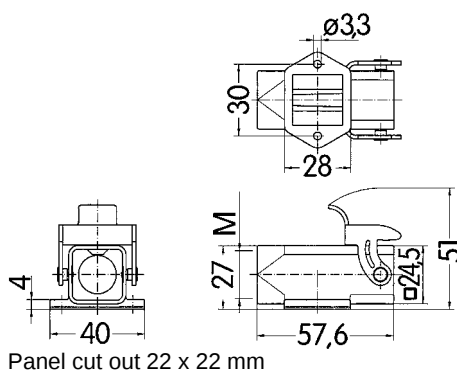
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|----------------------------------------|--------------------------------------------------------|
| Limiting temperatures                  | -40 °C ... 125 °C                                      |
| Degree of protection acc. to IEC 60529 | IP44 / IP67 is achieved with seal screw 09 20 000 9918 |
| Material (hoods/housings)              | zinc die-cast                                          |
| Surface (hoods/housings)               | powder-coated                                          |
| Colour (hoods/housings)                | RAL 7037 (grey)                                        |
| Material (locking lever)               | steel, zinc-plated                                     |
| Material (seal)                        | NBR                                                    |

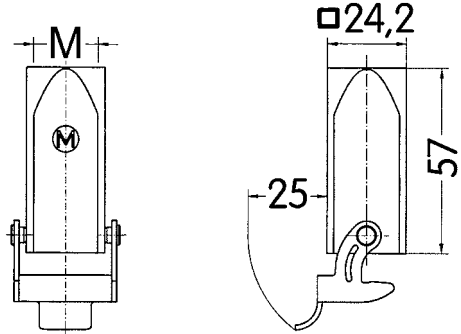
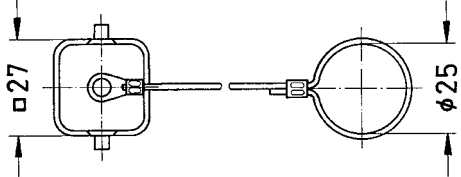
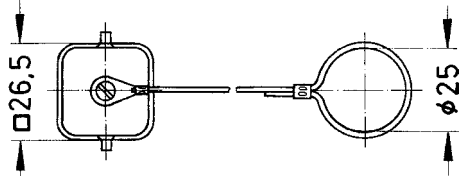
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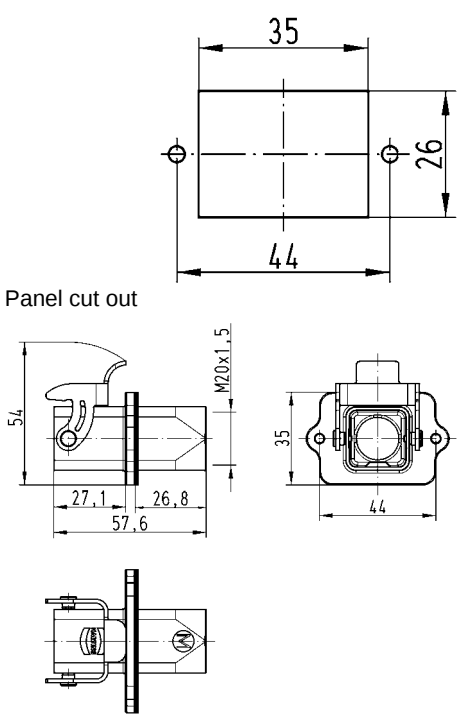
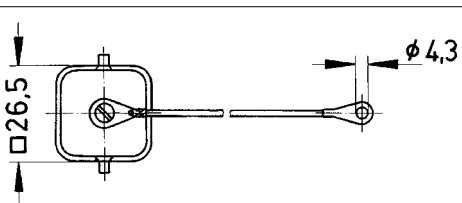
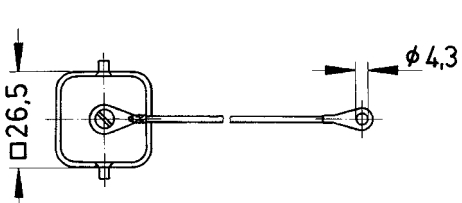
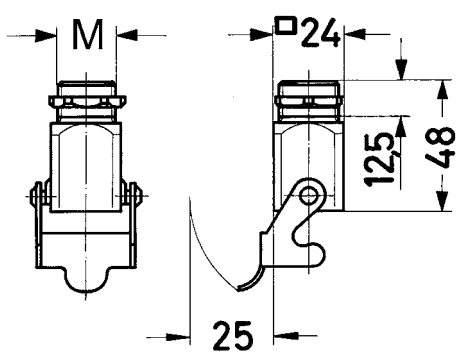




| Identification                                                                                                                                                                                                                      | Cable entry | Part number    | Drawing<br>Dimensions in mm                                                                                           |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|----------------|-----------------------------------------------------------------------------------------------------------------------|
| <p>Han A®,<br/>Protection cover for hoods,<br/>for mounted male insert or for mounted<br/>Han-Brid® insert,<br/>metal,<br/>with securing flex</p>  |             | 09 20 003 5422 |                                    |
| <p>Han A®,<br/>Bulkhead mounted housings,<br/>straight</p>                                                                                         |             | 09 20 003 0301 |  <p>Panel cut out 22 x 22 mm</p>  |
| <p>Han A®,<br/>Bulkhead mounted housings,<br/>straight,<br/>with metal cover,<br/>for male inserts</p>                                           |             | 09 20 003 0305 |  <p>Panel cut out 22 x 22 mm</p> |
| <p>Han A®,<br/>Bulkhead mounted housings,<br/>straight,<br/>with sealing,<br/>for female inserts</p>                                             |             | 09 20 003 0306 |                                                                                                                       |

| Identification                                                                                                                                                   | Cable entry | Part number    | Drawing<br>Dimensions in mm                                                                                           |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|----------------|-----------------------------------------------------------------------------------------------------------------------|
| <p>Han A®,<br/>Bulkhead mounted housings,<br/>angled,<br/>2 fixing screws</p>   |             | 09 20 003 0801 |  <p>Panel cut out 22 x 22 mm</p>   |
| <p>Han A®,<br/>Bulkhead mounted housings,<br/>angled,<br/>4 fixing screws</p>  |             | 09 20 003 0810 |  <p>Panel cut out 22 x 22 mm</p>  |
| <p>Han A®,<br/>Surface mounted housings,<br/>top entry,<br/>open bottom</p>   | 1xM20       | 19 20 003 1250 |  <p>Panel cut out 22 x 22 mm</p> |

| Identification                                                                                                                                                                                                                                                             | Cable entry | Part number    | Drawing<br>Dimensions in mm                                                           |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|----------------|---------------------------------------------------------------------------------------|
| Han A®,<br>Surface mounted housings,<br>top entry,<br>bottom closed<br><br>                                                                                                               | 1xM20       | 19 20 003 1252 |                                                                                       |
| Han A®,<br>Cable to cable housings,<br>top entry<br><br>                                                                                                                                  | 1xM20       | 19 20 003 1750 |    |
| Han A®,<br>Protection cover for cable to cable hous-<br>ings,<br>for mounted female insert or for mounted<br>Han-Brid® insert,<br>metal,<br>with securing flex,<br>with sealing<br><br> |             | 09 20 003 5427 |   |
| Han A®,<br>Protection cover for cable to cable hous-<br>ings,<br>metal,<br>with securing flex<br><br>                                                                                   |             | 09 20 003 5428 |  |

| Identification                                                                                                                                                                                                                                               | Cable entry | Part number    | Drawing<br>Dimensions in mm                                                                               |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|----------------|-----------------------------------------------------------------------------------------------------------|
| <p>Han A®,<br/>Panel feed through housings,<br/>top entry</p>                                                                                                               | 1xM20       | 19 20 003 1120 |  <p>Panel cut out</p> |
| <p>Han A®,<br/>Protection cover for housings,<br/>for mounted female insert or for mounted<br/>Han-Brid® insert,<br/>metal,<br/>with securing flex,<br/>with sealing</p>  |             | 09 20 003 5425 |                      |
| <p>Han A®,<br/>Protection cover for housings,<br/>for mounted male insert,<br/>metal,<br/>with securing flex</p>                                                          |             | 09 20 003 5426 |                      |
| <p>Han A®,<br/>Screw mounted housings,<br/>top entry</p>                                                                                                                  | 1xM20       | 19 20 003 1150 |                      |



Features

- Plastic hoods/housings for industrial applications

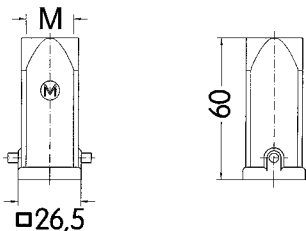
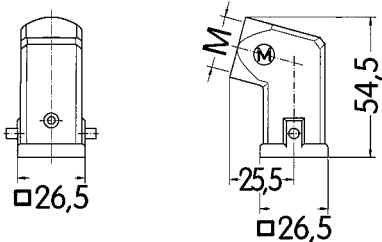
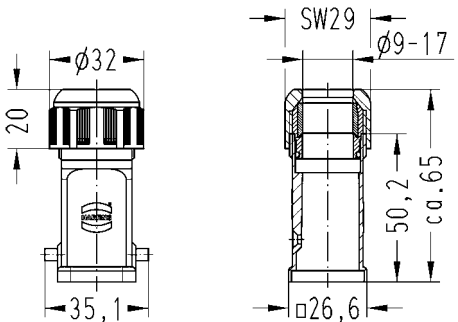
Technical characteristics

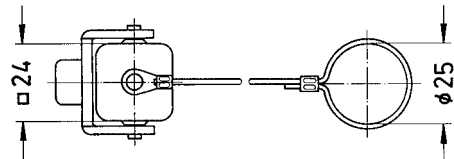
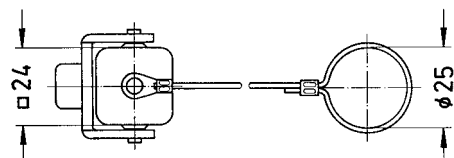
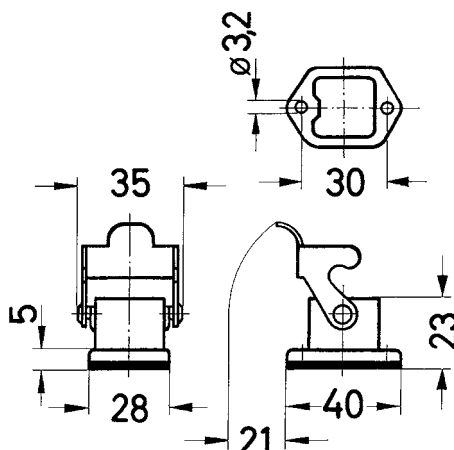
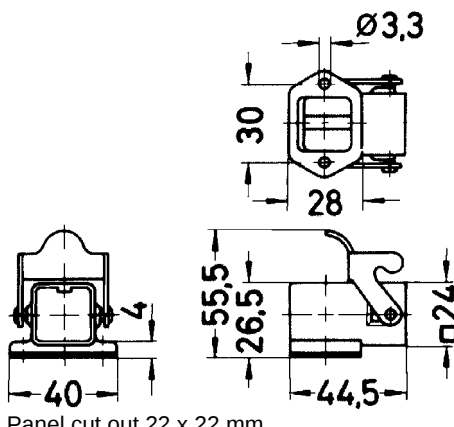
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|---------------------------------------------|--------------------------------------------------------|
| Limiting temperatures                       | -40 °C ... 125 °C                                      |
| Flammability (hoods/housings) acc. to UL 94 | V 0                                                    |
| Flammability (locking lever) acc. to UL 94  | V 0                                                    |
| Protection class acc. to UL 50              | NEMA type 4/4X/12                                      |
| Degree of protection acc. to IEC 60529      | IP44 / IP67 is achieved with seal screw 09 20 000 9918 |
| Material (hoods/housings)                   | polycarbonate                                          |
| Colour (hoods/housings)                     | RAL 7032 (light grey), RAL 9005 (black)                |
| Material (locking lever)                    | polyamide                                              |
| Colour (locking lever)                      | RAL 7032 (light grey), RAL 9005 (black)                |
| Material (seal)                             | NBR                                                    |

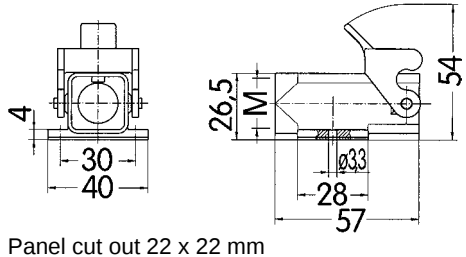
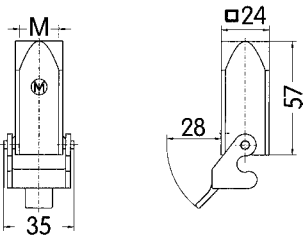
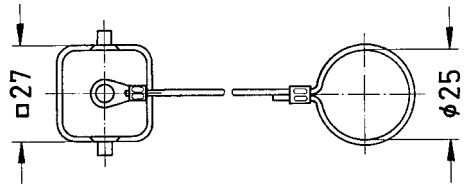
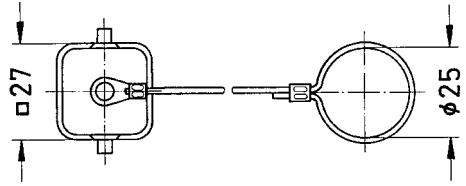
Specifications and approvals

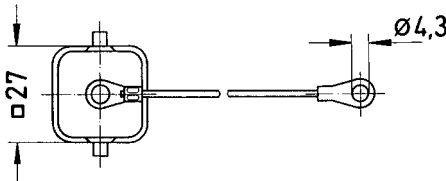
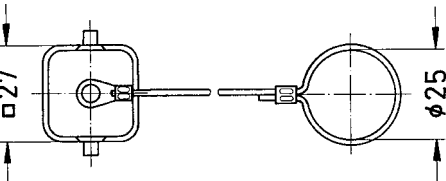
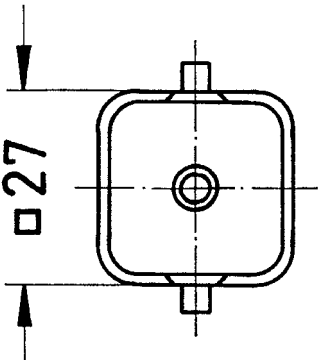


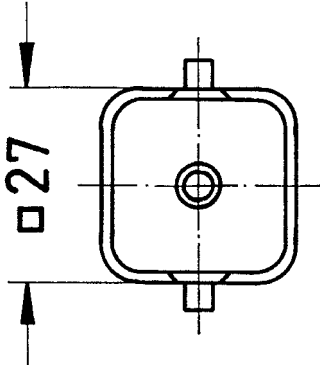
Plastic hoods/housings for industrial applications  
double locking lever

| Identification                                                                                                                                        | Cable entry | Part number    | Drawing<br>Dimensions in mm                                                           |
|-------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|----------------|---------------------------------------------------------------------------------------|
| Han A® ,<br>Hoods,<br>top entry<br><br>                              | 1xM20       | 19 20 003 0420 |    |
| Han A® ,<br>Hoods,<br>top entry,<br>black                                                                                                             | 1xM20       | 19 20 003 0427 |                                                                                       |
| Han A® ,<br>Hoods,<br>side entry<br><br>                           | 1xM20       | 19 20 003 0620 |  |
| Han A® ,<br>Hoods,<br>side entry,<br>black                                                                                                            | 1xM20       | 19 20 003 0627 |                                                                                       |
| Han A® ,<br>Hood with integrated cable gland,<br>top entry<br><br> |             | 19 20 003 0410 |  |
| Han A® ,<br>Hood with integrated cable gland,<br>top entry,<br>black                                                                                  |             | 19 20 003 0418 |                                                                                       |

| Identification                                                                                                                                                          | Cable entry | Part number    | Drawing<br>Dimensions in mm                                                                                           |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|----------------|-----------------------------------------------------------------------------------------------------------------------|
| <p>Han A®,<br/>Protection cover for hoods,<br/>for mounted female insert or for mounted<br/>Han-Brid® insert,<br/>plastic,<br/>with securing flex,<br/>with sealing</p> |             | 09 20 003 5441 |                                    |
| <p>Han A®,<br/>Protection cover for hoods,<br/>for mounted male insert or for mounted<br/>Han-Brid® insert,<br/>plastic,<br/>with securing flex</p>                     |             | 09 20 003 5442 |                                    |
| <p>Han A®,<br/>Bulkhead mounted housings,<br/>straight</p>                             |             | 09 20 003 0320 |  <p>Panel cut out 22 x 22 mm</p>  |
| <p>Han A®,<br/>Bulkhead mounted housings,<br/>angled</p>                             |             | 09 20 003 0820 |  <p>Panel cut out 22 x 22 mm</p> |
| <p>Han A®,<br/>Bulkhead mounted housings,<br/>straight,<br/>black</p>                                                                                                   |             | 09 20 003 0327 |                                                                                                                       |
| <p>Han A®,<br/>Bulkhead mounted housings,<br/>angled,<br/>black</p>                                                                                                     |             | 09 20 003 0827 |                                                                                                                       |

| Identification                                                                                                                                                                                                                                  | Cable entry | Part number    | Drawing<br>Dimensions in mm                                                                                         |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|----------------|---------------------------------------------------------------------------------------------------------------------|
| <p>Han A®,<br/>Surface mounted housings,<br/>top entry</p>                                                                                                     | 1xM20       | 19 20 003 0220 |  <p>Panel cut out 22 x 22 mm</p> |
| <p>Han A®,<br/>Surface mounted housings,<br/>top entry,<br/>black</p>                                                                                                                                                                           | 1xM20       | 19 20 003 0227 |                                                                                                                     |
| <p>Han A®,<br/>Cable to cable housings,<br/>top entry</p>                                                                                                      | 1xM20       | 19 20 003 0720 |                                 |
| <p>Han A®,<br/>Cable to cable housings,<br/>top entry,<br/>black</p>                                                                                                                                                                            | 1xM20       | 19 20 003 0727 |                                                                                                                     |
| <p>Han A®,<br/>Protection cover for cable to cable hous-<br/>ings,<br/>for mounted female insert,<br/>plastic,<br/>with sealing,<br/>with securing flex</p>  |             | 09 20 003 5447 |                                |
| <p>Han A®,<br/>Protection cover for cable to cable hous-<br/>ings,<br/>for mounted male insert,<br/>plastic,<br/>with securing flex</p>                      |             | 09 20 003 5448 |                                |

| Identification                                                                                                                                                                                                                        | Cable entry | Part number    | Drawing<br>Dimensions in mm                                                           |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|----------------|---------------------------------------------------------------------------------------|
| <p>Han A®,<br/>Protection cover for housings,<br/>for mounted female insert,<br/>plastic,<br/>with sealing,<br/>with securing flex</p>               |             | 09 20 003 5445 |    |
| <p>Han A®,<br/>Protection cover for housings,<br/>for mounted male insert,<br/>plastic,<br/>with securing flex</p>                                   |             | 09 20 003 5446 |                                                                                       |
| <p>Han A®,<br/>Protection cover for housings,<br/>for mounted female insert,<br/>plastic,<br/>with sealing,<br/>with securing flex,<br/>black</p>  |             | 09 20 003 5449 |   |
| <p>Han A®,<br/>Protection cover for housings,<br/>for mounted male insert,<br/>plastic,<br/>with securing flex,<br/>black</p>                      |             | 09 20 003 5450 |                                                                                       |
| <p>Han A®,<br/>Protection cover for housings,<br/>plastic</p>                                                                                      |             | 09 20 003 5407 |  |

| Identification                                                                                                                                                                                                                                                            | Cable entry | Part number    | Drawing<br>Dimensions in mm                                                                     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|----------------|-------------------------------------------------------------------------------------------------|
| <div><div><div>Han A® ,<br/>Protection cover for housings,<br/>for mounted female insert or for mounted<br/>Han-Brid® insert,<br/>plastic,<br/>with sealing</div><div></div></div></div> |             | 09 20 003 5408 |                                                                                                 |
| <div><div><div>Han A® ,<br/>Protection cover,<br/>for mounted female insert or for mounted<br/>Han-Brid® insert,<br/>plastic,<br/>with sealing,<br/>black</div><div></div></div></div>   |             | 09 20 003 5409 | <div></div> |



Features

- Metal hoods/housings for industrial applications

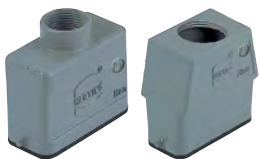
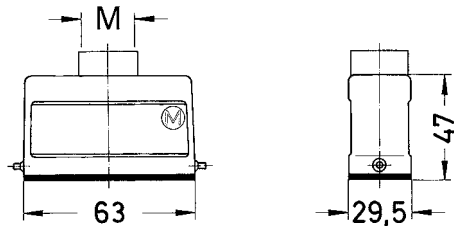
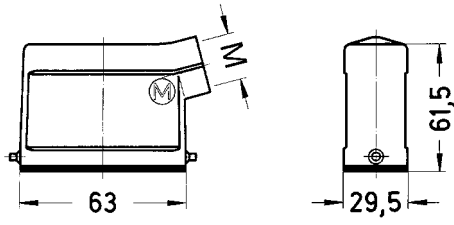
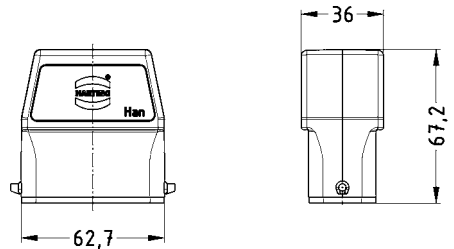
Technical characteristics

|                                            |                                 |
|--------------------------------------------|---------------------------------|
| Limiting temperatures                      | -40 °C ... 125 °C               |
| Flammability (locking lever) acc. to UL 94 | V 0                             |
| Protection class acc. to UL 50             | NEMA type 4/4X/12               |
| Degree of protection acc. to IEC 60529     | IP65                            |
| Material (hoods/housings)                  | aluminium                       |
| Colour (hoods/housings)                    | RAL 7037 (grey)                 |
| Material (locking lever)                   | polycarbonate + stainless steel |
| Colour (locking lever)                     | RAL 7037 (grey)                 |
| Material (seal)                            | NBR                             |

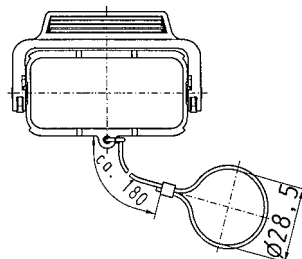
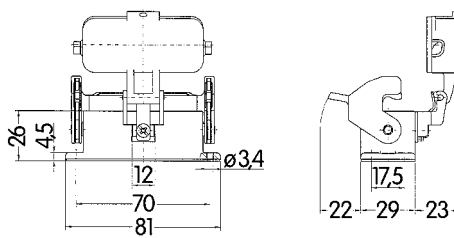
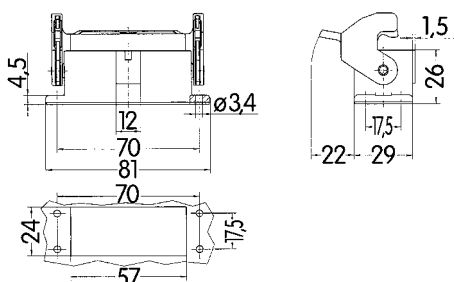
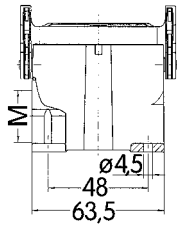
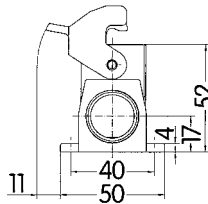
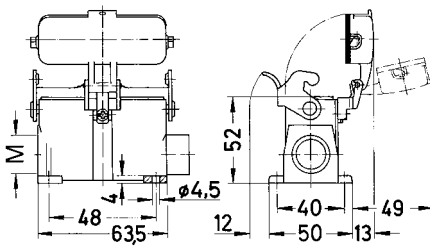
Specifications and approvals

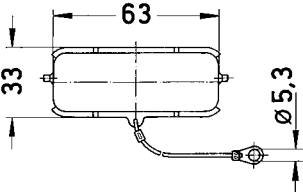


Metal hoods/housings for industrial applications  
single locking lever

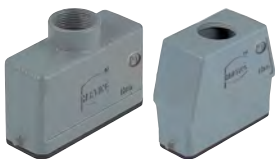
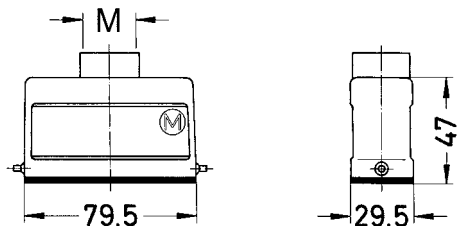
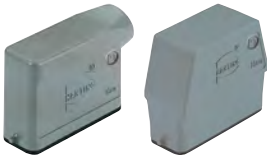
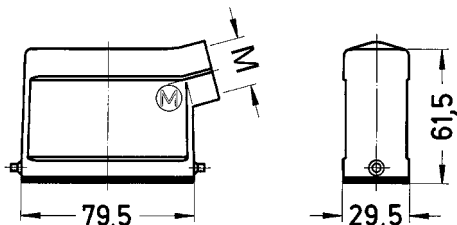
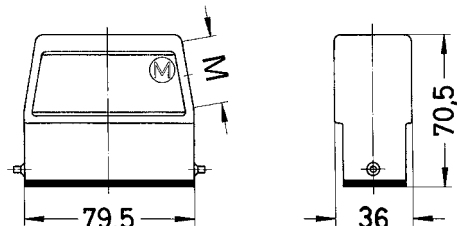
| Identification                                                                                                                      | Cable entry    | Part number         |                      | Drawing<br>Dimensions in mm                                                           |  |
|-------------------------------------------------------------------------------------------------------------------------------------|----------------|---------------------|----------------------|---------------------------------------------------------------------------------------|--|
|                                                                                                                                     |                | Low<br>construction | High<br>construction |                                                                                       |  |
| Han A®,<br>Hoods,<br>top entry<br><br>             | 1xM20<br>1xM25 | 19 20 010 1440      | 19 20 010 0446       |    |  |
| Han A®,<br>Hoods,<br>side entry<br><br>          | 1xM20<br>1xM25 | 19 20 010 1540      | 19 20 010 0546       |  |  |
| Han A®,<br>Hoods,<br>without cable entry<br><br> |                |                     | 09 20 010 0801       |  |  |

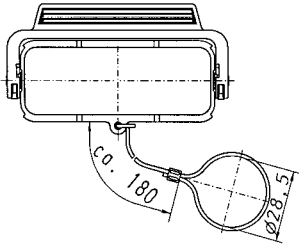
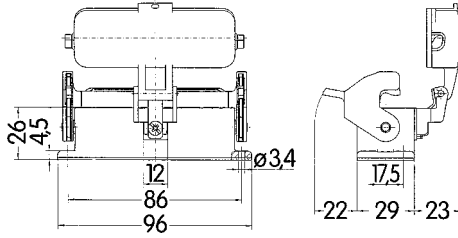
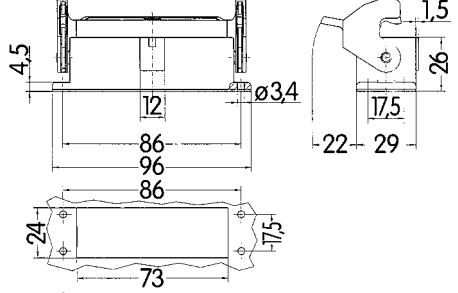
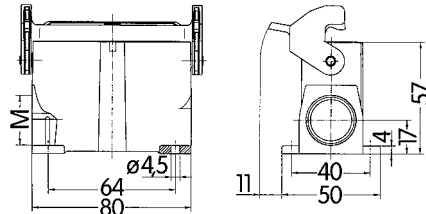
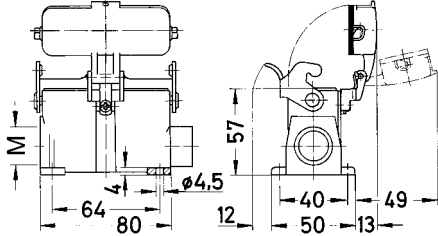
Hoods  
Housings

| Identification                                                                                                                                                                                                                                                                                                                           | Cable entry    | Part number                          |                      | Drawing<br>Dimensions in mm                                                                                                                                                                      |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|--------------------------------------|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                                                                                                                                                                                                                                                          |                | Low<br>construction                  | High<br>construction |                                                                                                                                                                                                  |
| Han A®,<br>Protection cover for hoods,<br>metal,<br>Han-Easy Lock®,<br>with securing flex<br><br>                                                                                                                                                       |                | 09 20 010 5423                       | 09 20 010 5423       |                                                                                                               |
| Han A®,<br>Bulkhead mounted housings,<br>Han-Easy Lock®,<br>with thermo-plastic cover<br><br><br><br>Han A®,<br>Bulkhead mounted housings,<br>Han-Easy Lock®<br><br> |                | 09 20 010 0321<br><br>09 20 010 0301 |                      | <br><br><br>Panel cut out |
| Han A®,<br>Surface mounted housings,<br>side entry,<br>Han-Easy Lock®<br><br>                                                                                                                                                                         | 1xM25<br>2xM20 | 19 20 010 0251<br>19 20 010 0290     |                      | <br>                   |
| Han A®,<br>Surface mounted housings,<br>side entry,<br>Han-Easy Lock®,<br>with thermo-plastic cover<br><br>                                                                                                                                           | 2xM20          |                                      | 19 20 010 0295       |                                                                                                             |

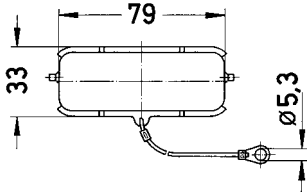
| Identification                                                                                                                                                                 | Cable entry | Part number         |                      | Drawing<br>Dimensions in mm                                                                      |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|---------------------|----------------------|--------------------------------------------------------------------------------------------------|
|                                                                                                                                                                                |             | Low<br>construction | High<br>construction |                                                                                                  |
| <div> Han A® ,<br/>Cover for housings,<br/>metal,<br/>with securing flex <div>  </div> </div> |             | 09 20 010 5425      | 09 20 010 5425       | <div>  </div> |

Metal hoods/housings for industrial applications  
single locking lever

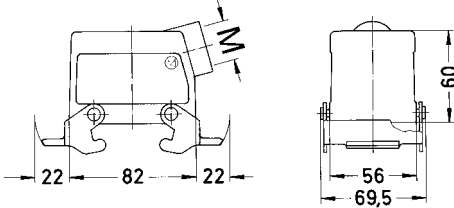
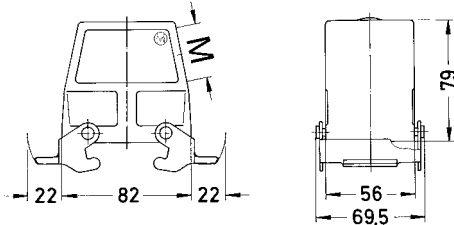
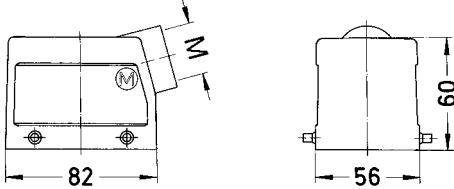
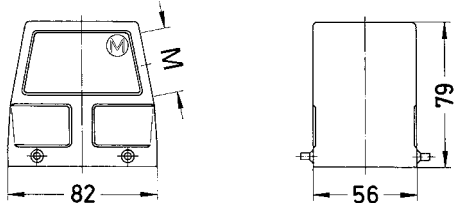
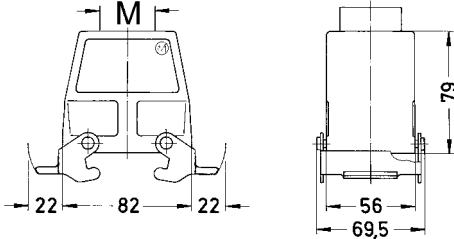
| Identification                                                                                                                  | Cable entry    | Part number         |                      | Drawing<br>Dimensions in mm                                                           |  |
|---------------------------------------------------------------------------------------------------------------------------------|----------------|---------------------|----------------------|---------------------------------------------------------------------------------------|--|
|                                                                                                                                 |                | Low<br>construction | High<br>construction |                                                                                       |  |
| Han A®,<br>Hoods,<br>top entry<br>             | 1xM20<br>1xM25 | 19 20 016 1440      | 19 20 016 0446       |    |  |
| Han A®,<br>Hoods,<br>side entry<br>          | 1xM20<br>1xM25 | 19 20 016 1540      | 19 20 016 0546       |  |  |
|                                                                                                                                 |                |                     |                      |  |  |
| Han A®,<br>Hoods,<br>without cable entry<br> |                |                     | 09 20 016 0801       |                                                                                       |  |

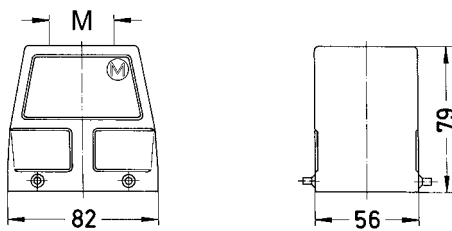
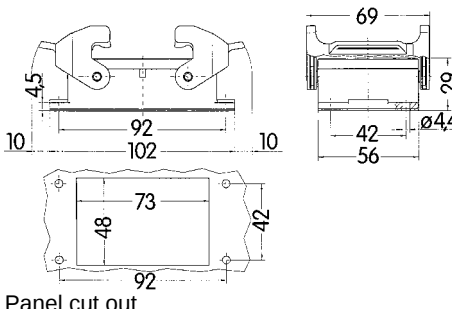
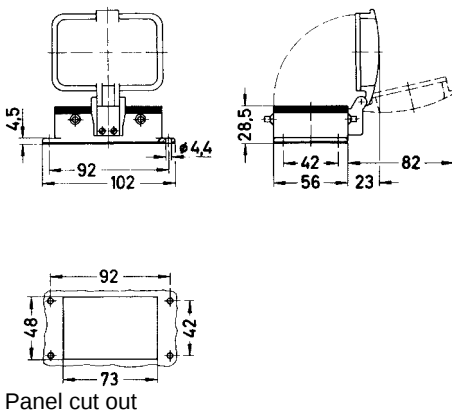
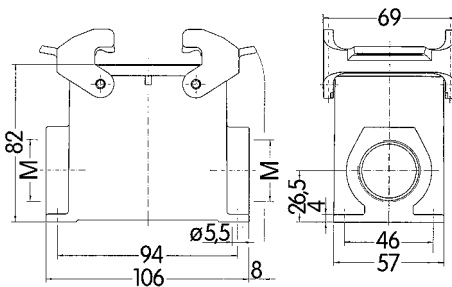
| Identification                                                                                                                                                                         | Cable entry                      | Part number                                                 |                      | Drawing<br>Dimensions in mm                                                                               |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|-------------------------------------------------------------|----------------------|-----------------------------------------------------------------------------------------------------------|
|                                                                                                                                                                                        |                                  | Low<br>construction                                         | High<br>construction |                                                                                                           |
| <p>Han A®,<br/>Protection cover for hoods,<br/>metal,<br/>Han-Easy Lock®,<br/>with securing flex</p>  |                                  | 09 20 016 5423                                              | 09 20 016 5423       |                        |
| <p>Han A®,<br/>Bulkhead mounted housings,<br/>Han-Easy Lock®,<br/>with thermo-plastic cover</p>       |                                  | 09 20 016 0321                                              |                      |                        |
| <p>Han A®,<br/>Bulkhead mounted housings,<br/>Han-Easy Lock®</p>                                    |                                  | 09 20 016 0301                                              |                      |  <p>Panel cut out</p> |
| <p>Han A®,<br/>Surface mounted housings,<br/>side entry,<br/>Han-Easy Lock®</p>                     | <p>1xM25<br/>2xM20<br/>2xM25</p> | <p>19 20 016 0251<br/>19 20 016 0290<br/>19 20 016 0291</p> |                      |                      |
| <p>Han A®,<br/>Surface mounted housings,<br/>side entry,<br/>Han-Easy Lock®,<br/>with thermo-plastic cover</p>                                                                         | 2xM20                            | 19 20 016 0295                                              |                      |                      |

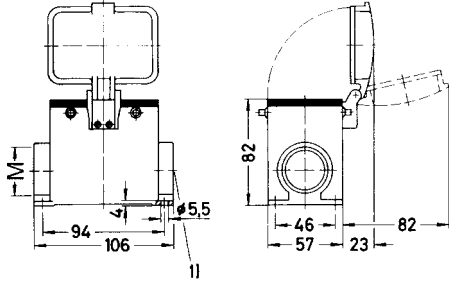
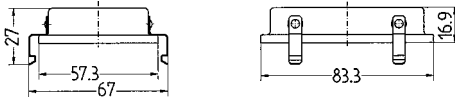


| Identification                                                                                                                                                             | Cable entry | Part number         |                      | Drawing<br>Dimensions in mm                                                                    |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|---------------------|----------------------|------------------------------------------------------------------------------------------------|
|                                                                                                                                                                            |             | Low<br>construction | High<br>construction |                                                                                                |
| <div>Han A® ,<br/>Cover for housings,<br/>metal,<br/>with securing flex</div> <div></div> |             | 09 20 016 5425      | 09 20 016 5425       | <div></div> |

Metal hoods/housings for industrial applications  
double locking lever

| Identification                                                                                                                               | Cable entry    | Part number         |                      | Drawing<br>Dimensions in mm                                                                                                                                                    |  |
|----------------------------------------------------------------------------------------------------------------------------------------------|----------------|---------------------|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
|                                                                                                                                              |                | Low<br>construction | High<br>construction |                                                                                                                                                                                |  |
| Han A®,<br>Hoods,<br>side entry,<br>Han-Easy Lock®<br><br>  | 1xM25<br>1xM32 | 19 20 032 1531      | 19 20 032 0537       | <br>    |  |
| Han A®,<br>Hoods,<br>side entry<br><br>                   | 1xM25<br>1xM32 | 19 20 032 1521      | 19 20 032 0527       | <br> |  |
| Han A®,<br>Hoods,<br>top entry,<br>Han-Easy Lock®<br><br> | 1xM32          |                     | 19 20 032 0437       |                                                                                           |  |

| Identification                                                                                                                                               | Cable entry             | Part number         |                                                    | Drawing<br>Dimensions in mm                                                                                |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|---------------------|----------------------------------------------------|------------------------------------------------------------------------------------------------------------|
|                                                                                                                                                              |                         | Low<br>construction | High<br>construction                               |                                                                                                            |
| Han A®,<br>Hoods,<br>top entry<br>                                          | 1xM25<br>1xM32          |                     | 19 20 032 0426<br>19 20 032 0427                   |                         |
| Han A®,<br>Bulkhead mounted housings,<br>Han-Easy Lock®<br>                 |                         | 09 20 032 0301      |                                                    |  <p>Panel cut out</p>   |
| Han A®,<br>Bulkhead mounted housings,<br>with thermo-plastic cover<br>    |                         | 09 20 032 0302      |                                                    |  <p>Panel cut out</p> |
| Han A®,<br>Surface mounted housings,<br>side entry,<br>Han-Easy Lock®<br> | 1xM25<br>1xM32<br>2xM32 |                     | 19 20 032 0231<br>19 20 032 0232<br>19 20 032 0272 |                       |

| Identification                                                                                                                                                            | Cable entry | Part number         |                      | Drawing<br>Dimensions in mm                                                                                                 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|---------------------|----------------------|-----------------------------------------------------------------------------------------------------------------------------|
|                                                                                                                                                                           |             | Low<br>construction | High<br>construction |                                                                                                                             |
| Han A®,<br>Surface mounted housings,<br>side entry,<br>with thermo-plastic cover<br><br> | 1xM25       |                     | 19 20 032 0226       |  <p>1) Blind way for one cable entry</p> |
| Han A®,<br>Protection cover for housings,<br>metal<br><br>                               |             | 09 20 032 5405      | 09 20 032 5405       |                                          |
| Han A®,<br>Protection cover for hoods,<br>metal<br><br>                                |             | 09 20 032 5401      | 09 20 032 5401       |                                         |

## Features

- Metal hoods/housings for industrial applications
- Locking levers: Han-Easy Lock®
- **Field of application:** for excellent mechanical and electrical protection in demanding environments, for example, in the automobile and mechanical engineering industries also for process and regulation control applications
- **Distinguishing feature:** hoods/housings colour-coded grey (RAL 7037)

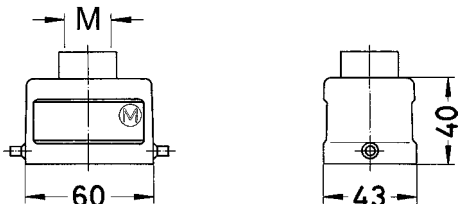
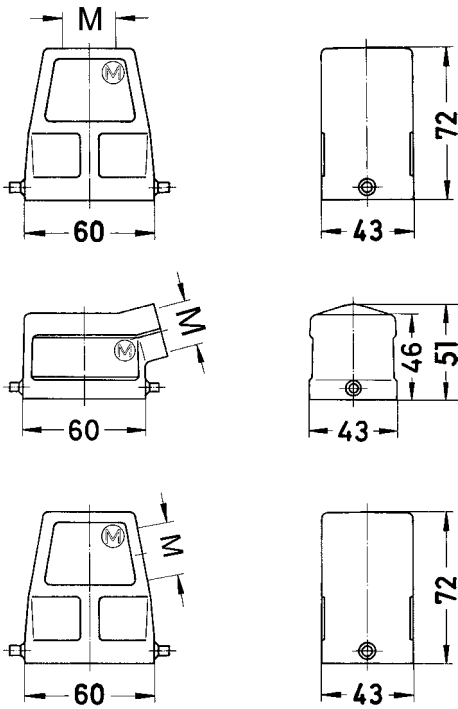
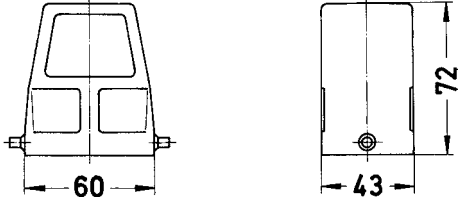
## Technical characteristics

|                                            |                                                  |
|--------------------------------------------|--------------------------------------------------|
| Limiting temperatures                      | -40 °C ... 125 °C                                |
| Flammability (locking lever) acc. to UL 94 | V 0                                              |
| Protection class acc. to UL 50             | NEMA type 4/4X/12                                |
| Degree of protection acc. to IEC 60529     | IP65, IP65 / IP67                                |
| Material (hoods/housings)                  | aluminium, polycarbonate                         |
| Surface (hoods/housings)                   | powder-coated                                    |
| Colour (hoods/housings)                    | RAL 7037 (grey)                                  |
| Material (locking lever)                   | polycarbonate + stainless steel, stainless steel |
| Colour (locking lever)                     | RAL 7037 (grey)                                  |
| Material (seal)                            | NBR                                              |

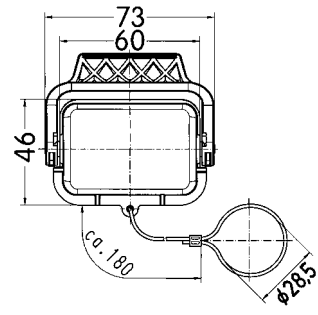
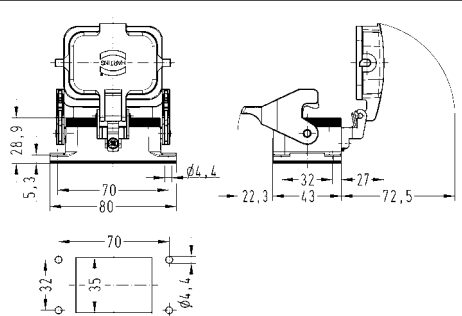
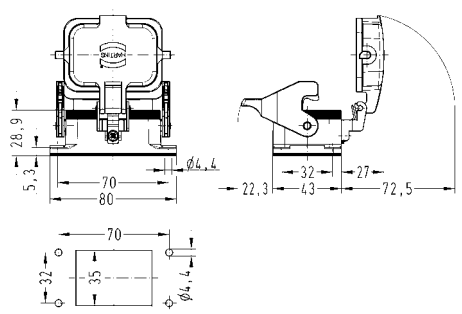
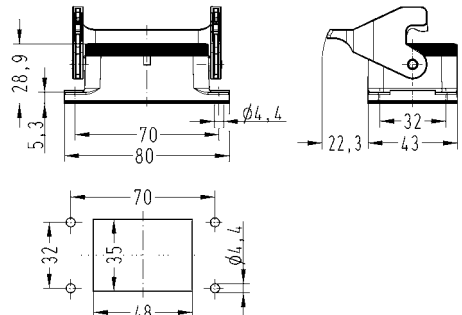
## Specifications and approvals

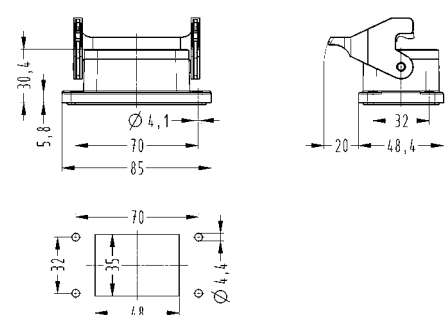
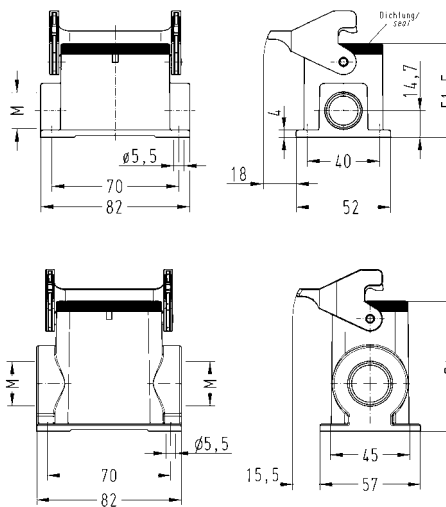
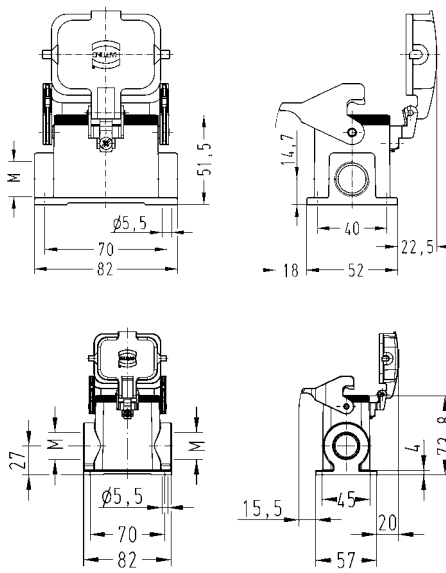


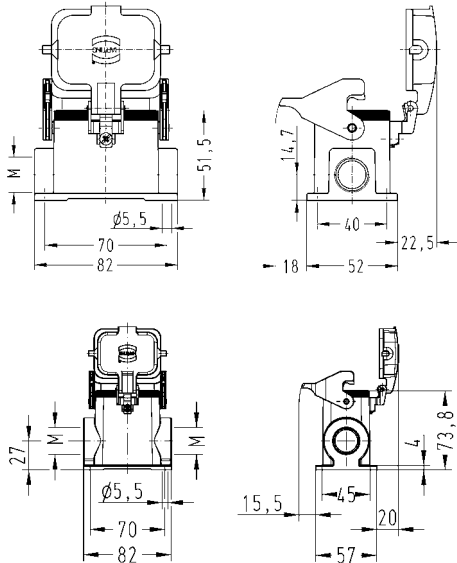
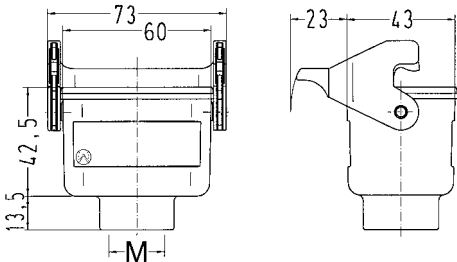
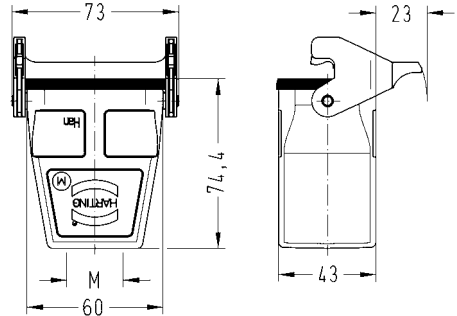
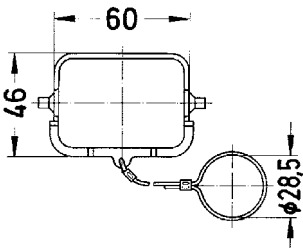
single locking lever

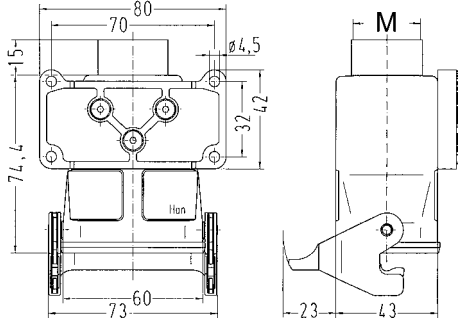
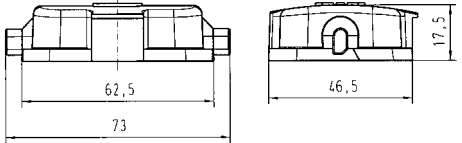
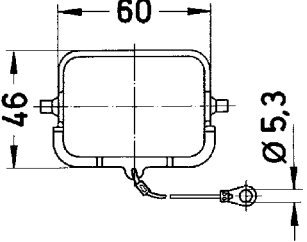
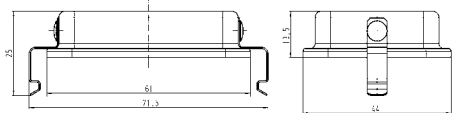
| Identification                                                                                                                  | Cable entry             | Part number                      |                                  | Drawing<br>Dimensions in mm                                                           |  |
|---------------------------------------------------------------------------------------------------------------------------------|-------------------------|----------------------------------|----------------------------------|---------------------------------------------------------------------------------------|--|
|                                                                                                                                 |                         | Low<br>construction              | High<br>construction             |                                                                                       |  |
| Han® B,<br>Hoods,<br>top entry<br>             | 1xM20<br>1xM25<br>1xM32 | 19 30 006 1440                   | 19 30 006 0446<br>19 30 006 0447 |    |  |
| Han® B,<br>Hoods,<br>side entry<br>          | 1xM20<br>1xM25<br>1xM32 | 19 30 006 1540<br>19 30 006 1541 | 19 30 006 0546<br>19 30 006 0547 |   |  |
| Han® B,<br>Hoods,<br>without cable entry<br> |                         |                                  | 09 30 006 0801                   |  |  |

Hoods  
Housings

| Identification                                                                                                                                                                     | Cable entry | Part number         |                      | Drawing<br>Dimensions in mm                                                                                |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|---------------------|----------------------|------------------------------------------------------------------------------------------------------------|
|                                                                                                                                                                                    |             | Low<br>construction | High<br>construction |                                                                                                            |
| Han® B,<br>Protection cover for hoods,<br>metal,<br>Han-Easy Lock®,<br>with securing flex<br><br> |             | 09 30 006 5423      | 09 30 006 5423       |                         |
| Han® B,<br>Bulkhead mounted housings,<br>Han-Easy Lock®,<br>with thermo-plastic cover<br><br>     |             | 09 30 006 0302      |                      |  <p>Panel cut out</p>  |
| Han® B,<br>Bulkhead mounted housings,<br>Han-Easy Lock®,<br>with metal cover<br><br>            |             | 09 30 006 0318      |                      |  <p>Panel cut out</p> |
| Han® B,<br>Bulkhead mounted housings,<br>Han-Easy Lock®<br><br>                                 |             | 09 30 006 0301      |                      |  <p>Panel cut out</p> |

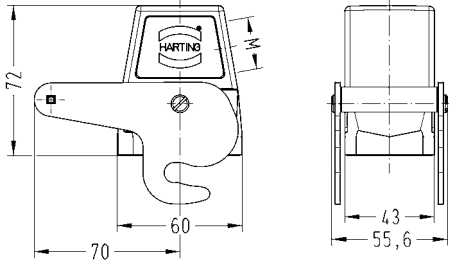
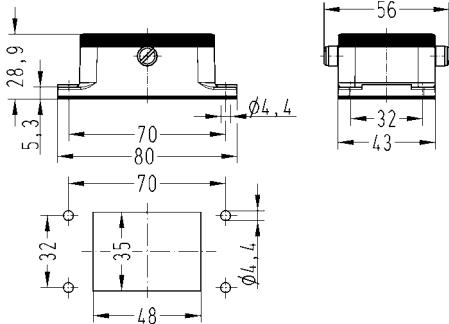
| Identification                                                                                                                                                                                 | Cable entry                      | Part number                      |                                  | Drawing<br>Dimensions in mm                                                           |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|----------------------------------|----------------------------------|---------------------------------------------------------------------------------------|
|                                                                                                                                                                                                |                                  | Low<br>construction              | High<br>construction             |                                                                                       |
| Han® B,<br>Bulkhead mounted housings,<br>Han-Easy Lock®,<br>IP67<br><br>                                      |                                  | 09 30 006 1301                   |                                  |    |
| Han® B,<br>Surface mounted housings,<br>side entry,<br>Han-Easy Lock®<br><br>                                 | 1xM20<br>2xM20<br>2xM25<br>2xM32 | 19 30 006 1250<br>19 30 006 1290 | 19 30 006 0291<br>19 30 006 0292 |   |
| Han® B,<br>Surface mounted housings,<br>side entry,<br>Han-Easy Lock®,<br>with thermo-plastic cover<br><br> | 1xM20<br>2xM20<br>2xM25<br>2xM32 | 19 30 006 1255<br>19 30 006 1295 | 19 30 006 0296<br>19 30 006 0297 |  |

| Identification                                                                                                                                                                     | Cable entry             | Part number                      |                                  | Drawing<br>Dimensions in mm                                                           |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|----------------------------------|----------------------------------|---------------------------------------------------------------------------------------|
|                                                                                                                                                                                    |                         | Low<br>construction              | High<br>construction             |                                                                                       |
| Han® B,<br>Surface mounted housings,<br>side entry,<br>Han-Easy Lock®,<br>with metal cover<br>    | 1xM20<br>2xM20<br>2xM25 | 19 30 006 2255<br>19 30 006 2295 | 19 30 006 7296                   |    |
| Han® B,<br>Cable to cable housings,<br>top entry<br>                                            | 1xM20                   | 19 30 006 1750                   |                                  |   |
| Han® B,<br>Cable to cable housings,<br>top entry,<br>Han-Easy Lock®<br>                         | 1xM25<br>1xM32          |                                  | 19 30 006 0756<br>19 30 006 0757 |  |
| Han® B,<br>Protection cover for cable to<br>cable housings,<br>metal,<br>with securing flex<br> |                         | 09 30 006 5427                   | 09 30 006 5427                   |  |

| Identification                                                                                                                                                   | Cable entry | Part number         |                      | Drawing<br>Dimensions in mm                                                           |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|---------------------|----------------------|---------------------------------------------------------------------------------------|
|                                                                                                                                                                  |             | Low<br>construction | High<br>construction |                                                                                       |
| Han® B,<br>Flange housings,<br>top entry,<br>Han-Easy Lock®<br>                 | 1xM25       | 19 30 006 0716      |                      |    |
| Han® B,<br>Protection cover for housings,<br>plastic<br>                        |             | 09 30 006 5404      | 09 30 006 5404       |    |
| Han® B,<br>Protection cover for housings,<br>metal,<br>with securing flex<br> |             | 09 30 006 5425      | 09 30 006 5425       |   |
| Han® B,<br>Protection cover for hoods,<br>metal,<br>with grounding pins<br>   |             | 09 30 006 5401      | 09 30 006 5401       |  |

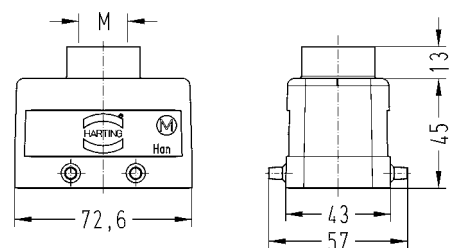
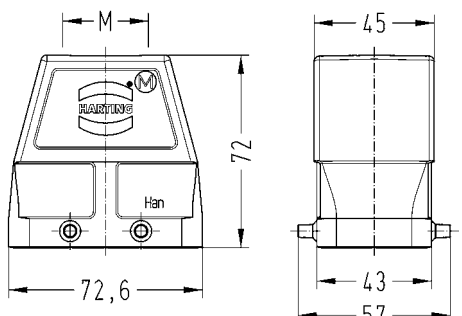
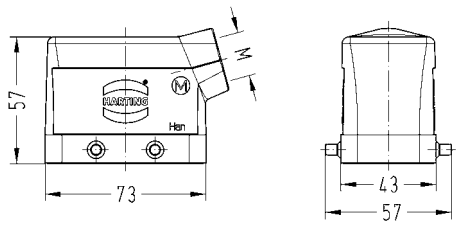
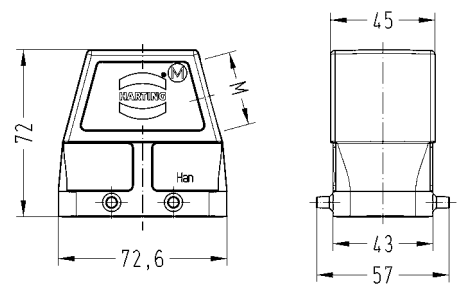


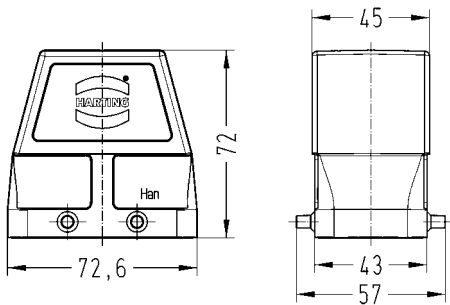
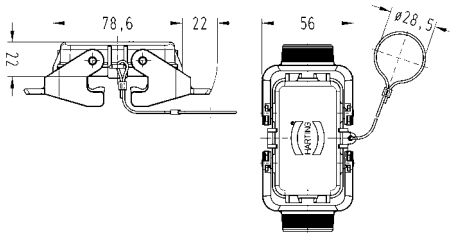
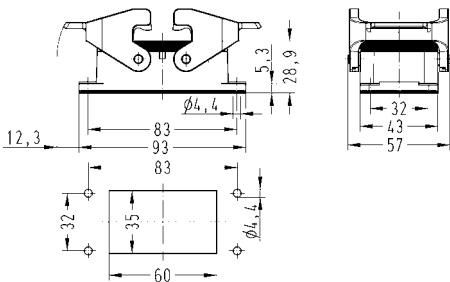
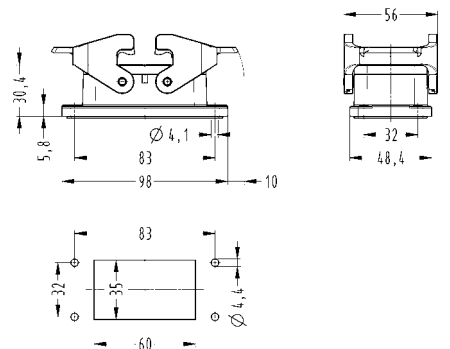
central locking lever

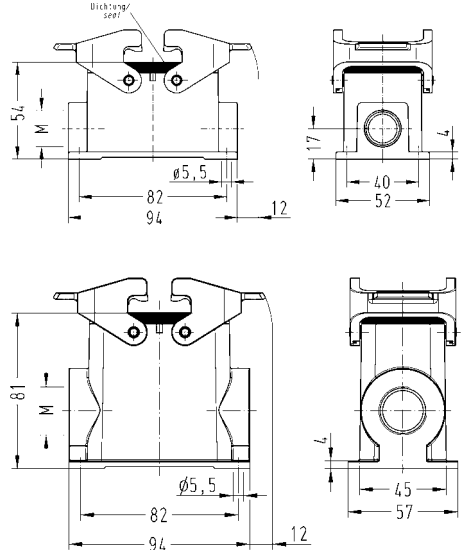
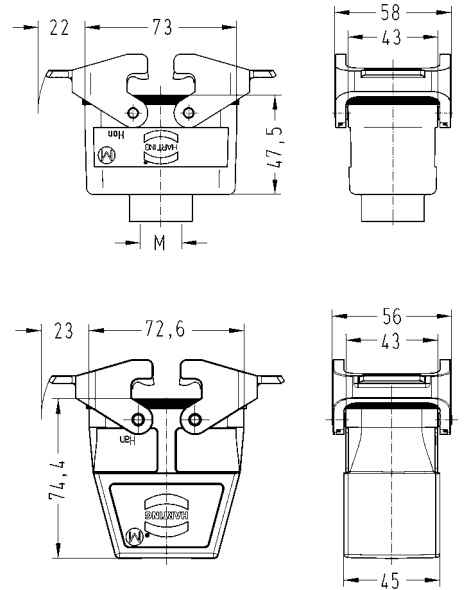
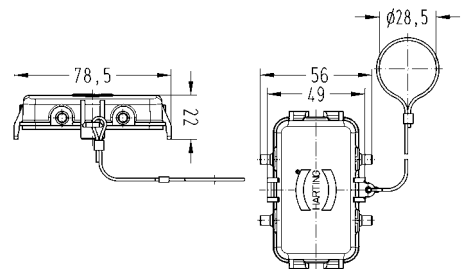
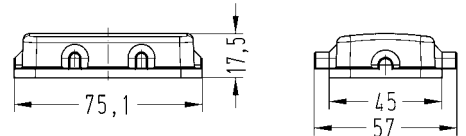
| Identification                                                                                                                                  | Cable entry    | Part number         |                                  | Drawing<br>Dimensions in mm                                                                                              |
|-------------------------------------------------------------------------------------------------------------------------------------------------|----------------|---------------------|----------------------------------|--------------------------------------------------------------------------------------------------------------------------|
|                                                                                                                                                 |                | Low<br>construction | High<br>construction             |                                                                                                                          |
| <div>Han® B,<br/>Hoods,<br/>side entry</div> <div></div>       | 1xM25<br>1xM32 |                     | 19 30 006 0586<br>19 30 006 0587 | <div></div>                           |
| <div>Han® B,<br/>Bulkhead mounted housings</div> <div></div> |                | 09 30 006 0381      |                                  | <div></div> <div>Panel cut out</div> |

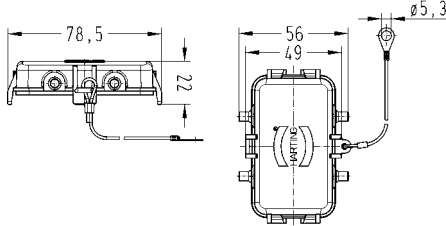
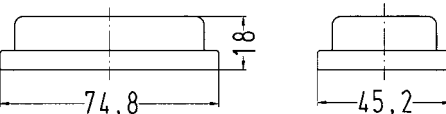
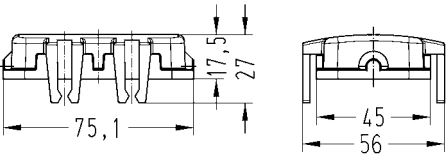
Hoods  
Housings

double locking lever

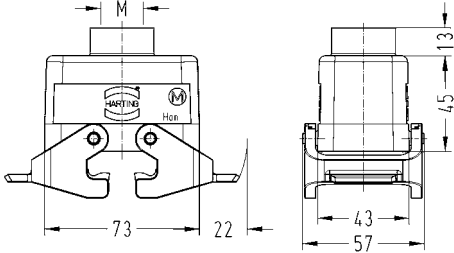
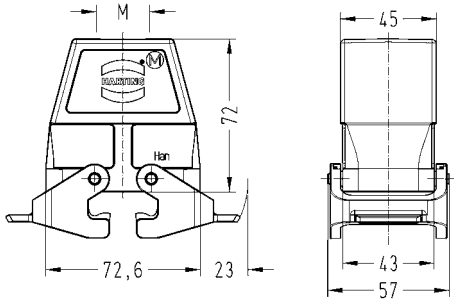
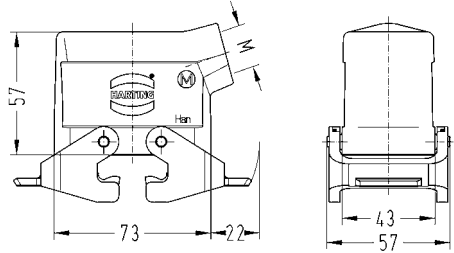
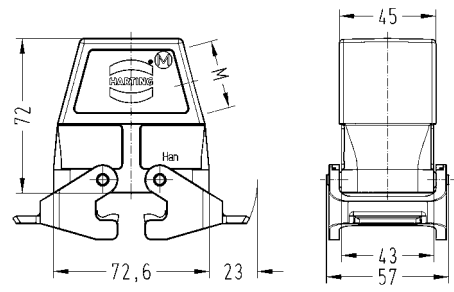
| Identification                                                                                                         | Cable entry                               | Part number                      |                                                    | Drawing<br>Dimensions in mm                                                                                                                                                    |
|------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------|----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                                        |                                           | Low<br>construction              | High<br>construction                               |                                                                                                                                                                                |
| Han® B,<br>Hoods,<br>top entry<br>    | 1xM20<br>1xM25<br>1xM32<br>1xM40<br>2xM20 | 19 30 010 1420<br>19 30 010 1421 | 19 30 010 0427<br>19 30 010 0428<br>19 30 010 0465 | <br>    |
| Han® B,<br>Hoods,<br>side entry<br> | 1xM20<br>1xM25<br>1xM32                   | 19 30 010 1520<br>19 30 010 1521 | 19 30 010 0527                                     | <br> |

| Identification                                                                                                                                                                 | Cable entry | Part number         |                      | Drawing<br>Dimensions in mm                                                                                |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|---------------------|----------------------|------------------------------------------------------------------------------------------------------------|
|                                                                                                                                                                                |             | Low<br>construction | High<br>construction |                                                                                                            |
| Han® B,<br>Hoods,<br>without cable entry<br>                                                  |             |                     | 09 30 010 0801       |                         |
| Han® B,<br>Protection cover for hoods,<br>metal,<br>Han-Easy Lock®,<br>with securing flex<br> |             | 09 30 010 5423      | 09 30 010 5423       |                         |
| Han® B,<br>Bulkhead mounted housings,<br>Han-Easy Lock®<br>                                 |             | 09 30 010 0301      |                      |  <p>Panel cut out</p> |
| Han® B,<br>Bulkhead mounted housings,<br>Han-Easy Lock®,<br>IP67<br>                        |             | 09 30 010 1301      |                      |                       |

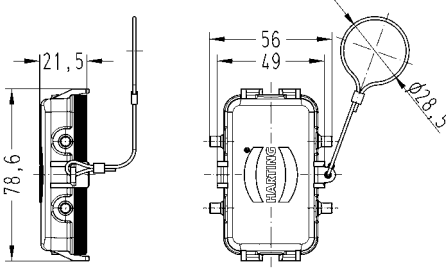
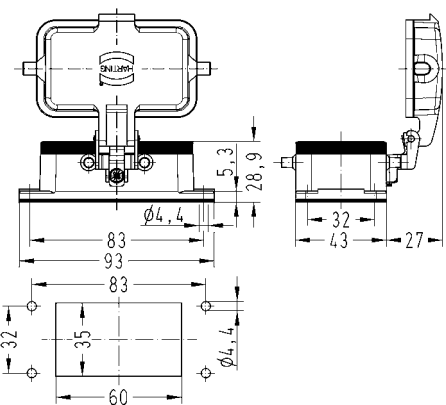
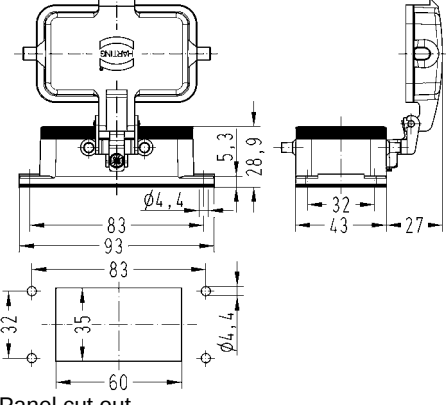
| Identification                                                                                                                                                                            | Cable entry                               | Part number                                        |                                                        | Drawing<br>Dimensions in mm                                                           |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------------------------|--------------------------------------------------------|---------------------------------------------------------------------------------------|
|                                                                                                                                                                                           |                                           | Low<br>construction                                | High<br>construction                                   |                                                                                       |
| <b>Han® B,</b><br>Surface mounted housings,<br>side entry,<br>Han-Easy Lock®<br>                         | 1xM20<br>1xM25<br>2xM20<br>2xM25<br>2xM32 | 19 30 010 1230<br>19 30 010 1231<br>19 30 010 1270 | 19 30 010 0231<br><br>19 30 010 0271<br>19 30 010 0272 |    |
| <b>Han® B,</b><br>Cable to cable housings,<br>top entry,<br>Han-Easy Lock®<br>                         | 1xM20<br>1xM25<br>1xM32                   | 19 30 010 1730                                     | 19 30 010 0736<br>19 30 010 0737                       |   |
| <b>Han® B,</b><br>Protection cover for cable to<br>cable housings,<br>metal,<br>with securing flex<br> |                                           | 09 30 010 5427                                     | 09 30 010 5427                                         |  |
| <b>Han® B,</b><br>Protection cover for housings,<br>plastic<br>                                        |                                           | 09 30 010 5407                                     | 09 30 010 5407                                         |  |

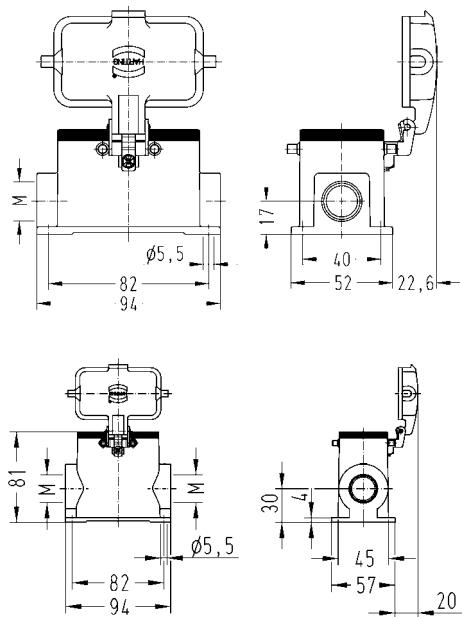
| Identification                                                                                                                                                  | Cable entry | Part number         |                      | Drawing<br>Dimensions in mm                                                          |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|---------------------|----------------------|--------------------------------------------------------------------------------------|
|                                                                                                                                                                 |             | Low<br>construction | High<br>construction |                                                                                      |
| Han® B,<br>Protection cover for housings,<br>metal,<br>with securing flex<br>  |             | 09 30 010 5425      | 09 30 010 5425       |   |
| Han® B,<br>Dust protection cover,<br>plastic<br>                               |             | 09 30 010 5406      | 09 30 010 5406       |   |
| Han® B,<br>Protection cover for hoods,<br>plastic,<br>with grounding pins<br> |             | 09 30 010 5401      | 09 30 010 5401       |  |

double locking lever

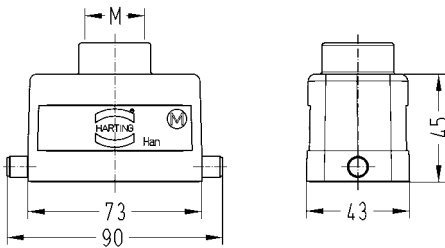
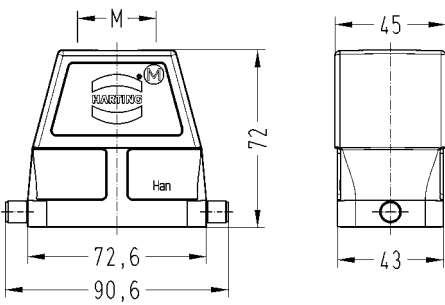
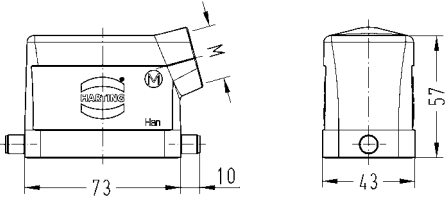
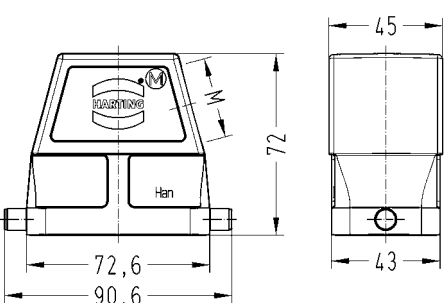
| Identification                                                                                                                            | Cable entry    | Part number         |                      | Drawing<br>Dimensions in mm                                                                                                                                                 |
|-------------------------------------------------------------------------------------------------------------------------------------------|----------------|---------------------|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                                                           |                | Low<br>construction | High<br>construction |                                                                                                                                                                             |
| Han® B,<br>Hoods,<br>top entry,<br>Han-Easy Lock®<br>    | 1xM20<br>1xM25 | 19 30 010 1430      | 19 30 010 0436       |      |
| Han® B,<br>Hoods,<br>side entry,<br>Han-Easy Lock®<br> | 1xM20<br>1xM32 | 19 30 010 1530      | 19 30 010 0537       |   |

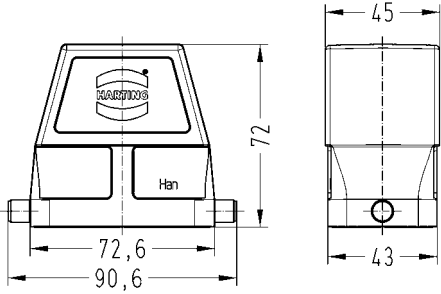
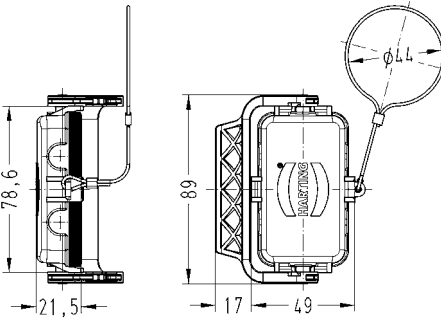
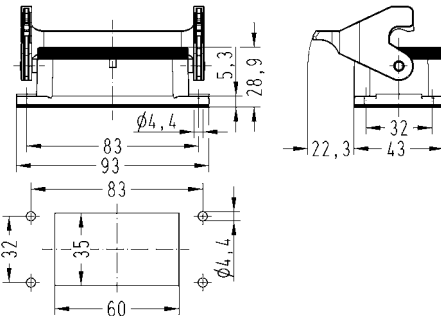
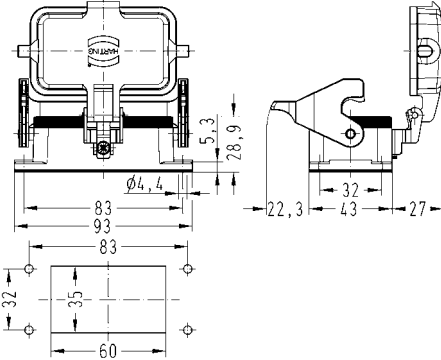
Hoods  
Housings

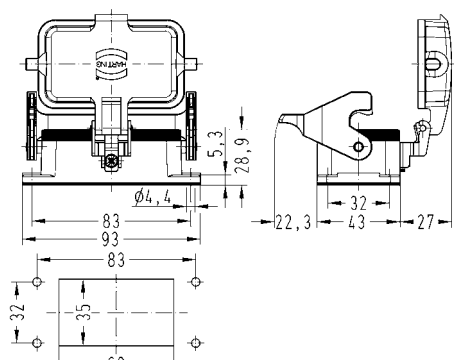
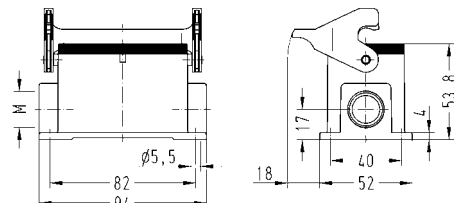
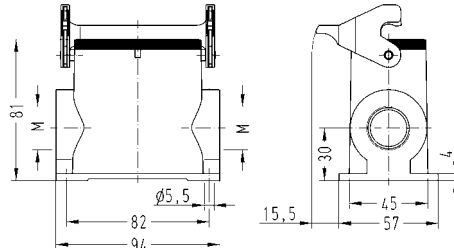
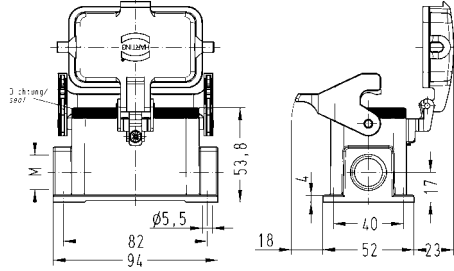
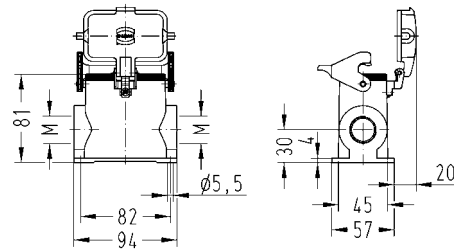
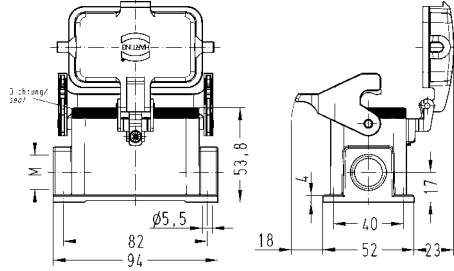
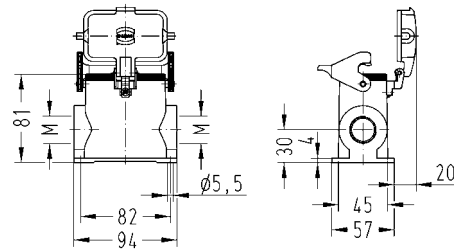
| Identification                                                                                                                                              | Cable entry | Part number         |                      | Drawing<br>Dimensions in mm                                                                                |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|---------------------|----------------------|------------------------------------------------------------------------------------------------------------|
|                                                                                                                                                             |             | Low<br>construction | High<br>construction |                                                                                                            |
| Han® B,<br>Protection cover for hoods,<br>metal,<br>with securing flex<br> |             | 09 30 010 5457      | 09 30 010 5457       |                         |
| Han® B,<br>Bulkhead mounted housings,<br>with thermo-plastic cover<br>     |             | 09 30 010 0302      |                      |  <p>Panel cut out</p>  |
| Han® B,<br>Bulkhead mounted housings,<br>with metal cover<br>            |             | 09 30 010 0317      |                      |  <p>Panel cut out</p> |

| Identification                                                                                                                                                        | Cable entry             | Part number                      |                      | Drawing<br>Dimensions in mm                                                         |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|----------------------------------|----------------------|-------------------------------------------------------------------------------------|
|                                                                                                                                                                       |                         | Low<br>construction              | High<br>construction |                                                                                     |
| Han® B,<br>Surface mounted housings,<br>side entry,<br>with thermo-plastic cover<br> | 1xM20<br>2xM20<br>2xM25 | 19 30 010 1225<br>19 30 010 1265 | 19 30 010 0266       |  |

single locking lever

| Identification                                                                                                         | Cable entry             | Part number                      |                      | Drawing<br>Dimensions in mm                                                                                                                                                 |
|------------------------------------------------------------------------------------------------------------------------|-------------------------|----------------------------------|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                                        |                         | Low<br>construction              | High<br>construction |                                                                                                                                                                             |
| Han® B,<br>Hoods,<br>top entry<br>    | 1xM20<br>1xM25<br>1xM32 | 19 30 010 1440<br>19 30 010 1441 | 19 30 010 0447       |      |
| Han® B,<br>Hoods,<br>side entry<br> | 1xM20<br>1xM25<br>1xM32 | 19 30 010 1540<br>19 30 010 1541 | 19 30 010 0547       |   |

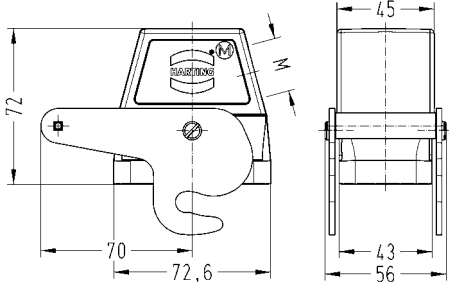
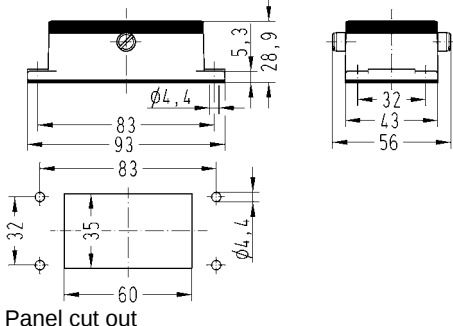
| Identification                                                                                                                                                                 | Cable entry | Part number         |                      | Drawing<br>Dimensions in mm                                                                                |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|---------------------|----------------------|------------------------------------------------------------------------------------------------------------|
|                                                                                                                                                                                |             | Low<br>construction | High<br>construction |                                                                                                            |
| Han® B,<br>Hoods,<br>without cable entry<br>                                                  |             |                     | 09 30 010 0803       |                         |
| Han® B,<br>Protection cover for hoods,<br>metal,<br>Han-Easy Lock®,<br>with securing flex<br> |             | 09 30 010 5432      | 09 30 010 5432       |                        |
| Han® B,<br>Bulkhead mounted housings,<br>Han-Easy Lock®<br>                                 |             | 09 30 010 0305      |                      |  <p>Panel cut out</p> |
| Han® B,<br>Bulkhead mounted housings,<br>Han-Easy Lock®,<br>with thermo-plastic cover<br>   |             | 09 30 010 0303      |                      |  <p>Panel cut out</p> |

| Identification                                                                                                                                                                          | Cable entry                      | Part number                      |                                  | Drawing<br>Dimensions in mm                                                                                                                                                                                                                                                                                                                            |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|----------------------------------|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                                                                                                         |                                  | Low<br>construction              | High<br>construction             |                                                                                                                                                                                                                                                                                                                                                        |
| Han® B,<br>Bulkhead mounted housings,<br>Han-Easy Lock®,<br>with metal cover                                                                                                            |                                  | 09 30 010 0318                   |                                  |  <p>Panel cut out</p>                                                                                                                                                                                                                                               |
| Han® B,<br>Surface mounted housings,<br>side entry,<br>Han-Easy Lock®                                 | 1xM20<br>2xM20<br>2xM25<br>2xM32 | 19 30 010 1250<br>19 30 010 1290 | 19 30 010 0291<br>19 30 010 0292 |     |
| Han® B,<br>Surface mounted housings,<br>side entry,<br>Han-Easy Lock®,<br>with thermo-plastic cover  | 1xM20<br>2xM20<br>2xM25<br>2xM32 | 19 30 010 1255<br>19 30 010 1295 | 19 30 010 0296<br>19 30 010 0297 |                                                                                                                                                                              |

Hoods  
Housings

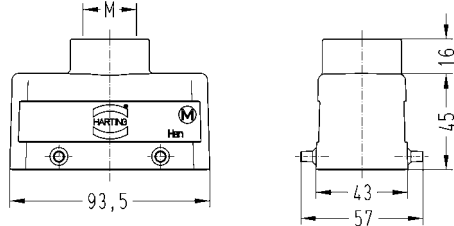
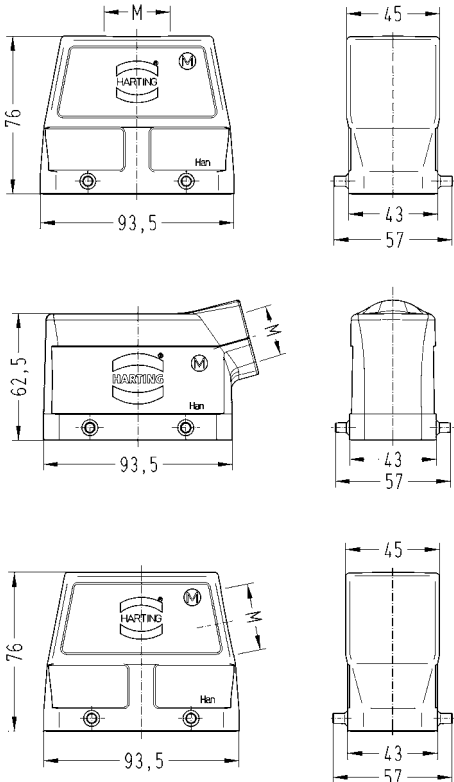
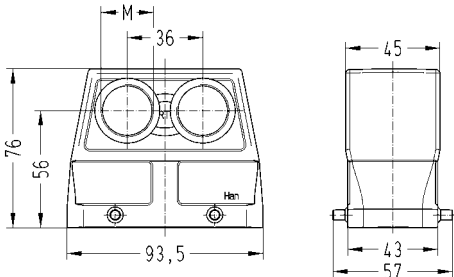


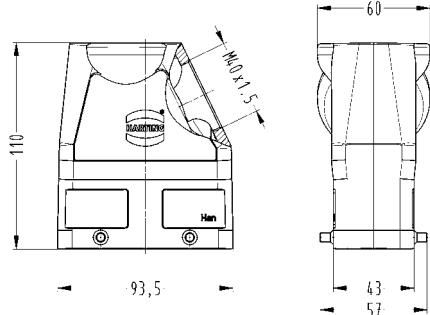
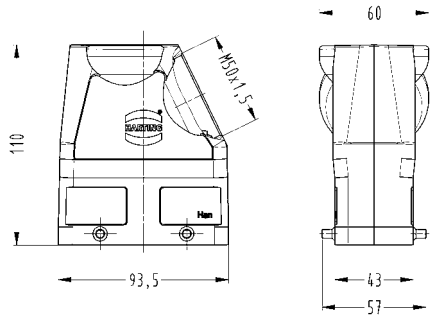
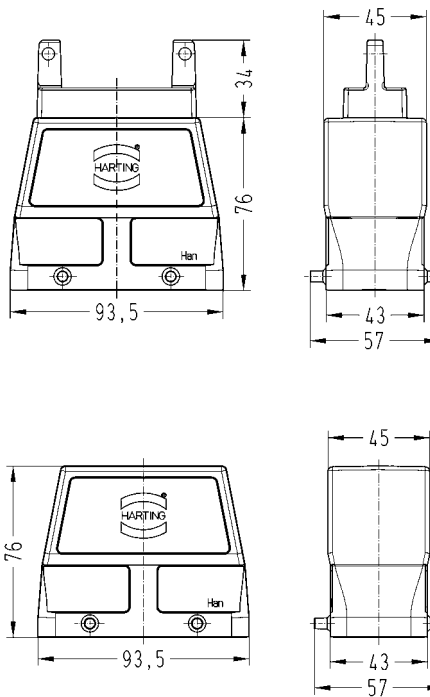
central locking lever

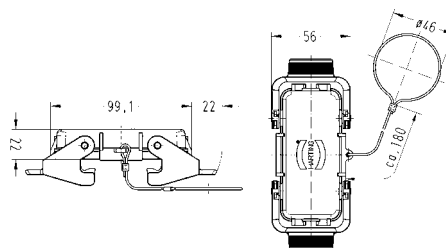
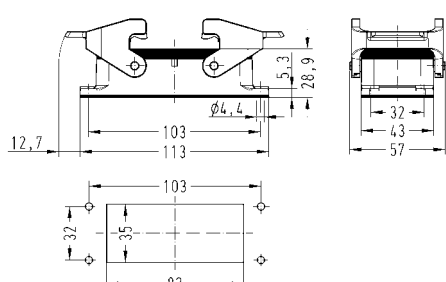
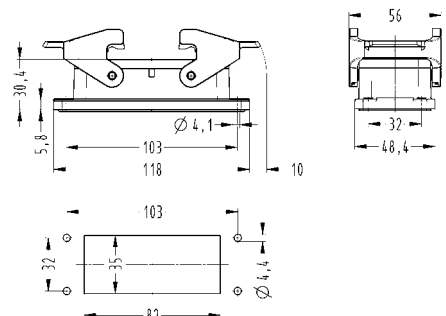
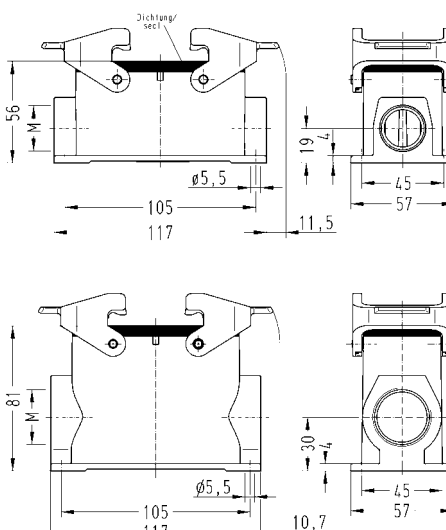
| Identification                                                                                                                                  | Cable entry | Part number         |                      | Drawing<br>Dimensions in mm                                                                                              |
|-------------------------------------------------------------------------------------------------------------------------------------------------|-------------|---------------------|----------------------|--------------------------------------------------------------------------------------------------------------------------|
|                                                                                                                                                 |             | Low<br>construction | High<br>construction |                                                                                                                          |
| <div>Han® B,<br/>Hoods,<br/>side entry</div> <div></div>       | 1xM25       |                     | 19 30 010 0586       | <div></div>                           |
| <div>Han® B,<br/>Bulkhead mounted housings</div> <div></div> |             | 09 30 010 0381      |                      | <div></div> <div>Panel cut out</div> |

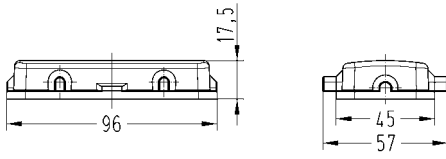
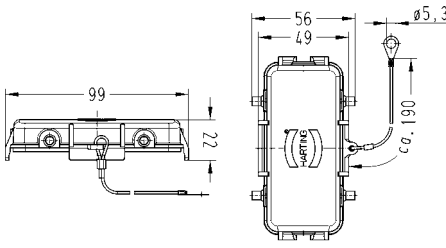
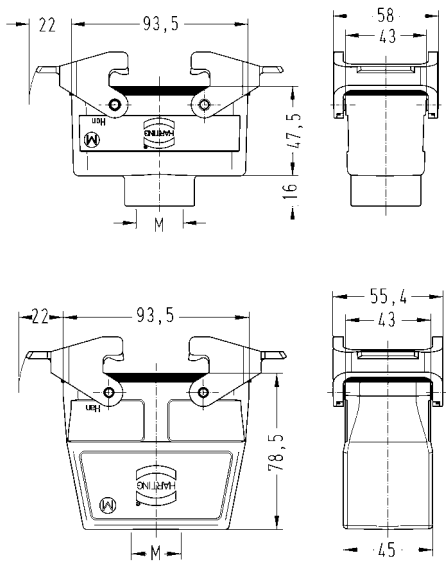
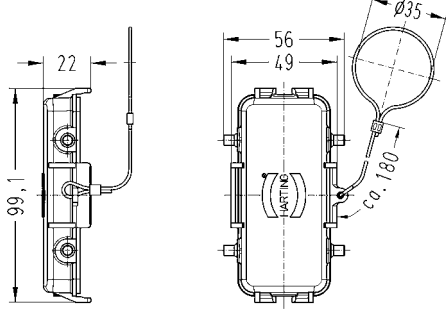
Hoods  
Housings

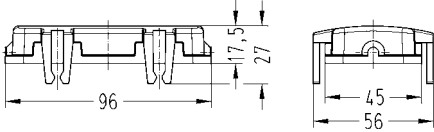
double locking lever

| Identification                                                                                                           | Cable entry                      | Part number                      |                                                    | Drawing<br>Dimensions in mm                                                           |
|--------------------------------------------------------------------------------------------------------------------------|----------------------------------|----------------------------------|----------------------------------------------------|---------------------------------------------------------------------------------------|
|                                                                                                                          |                                  | Low<br>construction              | High<br>construction                               |                                                                                       |
| Han® B,<br>Hoods,<br>top entry<br>      | 1xM25<br>1xM32<br>1xM40<br>2xM25 | 19 30 016 1421<br>19 30 016 1422 | 19 30 016 0427<br>19 30 016 0428<br>19 30 016 0466 |    |
| Han® B,<br>Hoods,<br>side entry<br>   | 1xM25<br>1xM32<br>1xM40          | 19 30 016 1521<br>19 30 016 1522 | 19 30 016 0527<br>19 30 016 0528                   |   |
| Han® B,<br>Hoods,<br>angled entry<br> | 2xM25                            |                                  | 19 30 016 0666                                     |  |

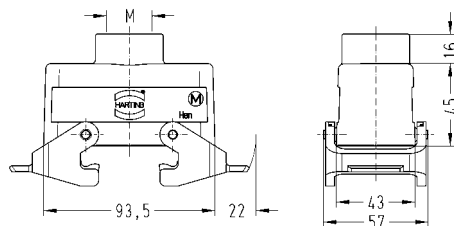
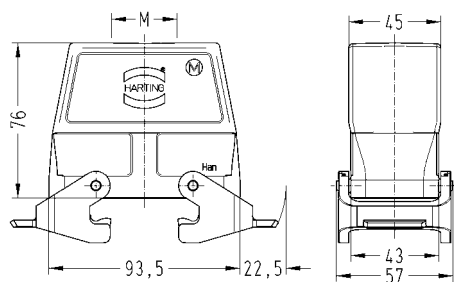
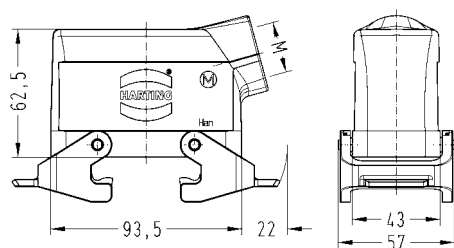
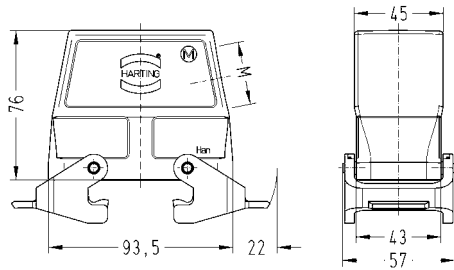
| Identification                                                                                                                        | Cable entry    | Part number         |                                  | Drawing<br>Dimensions in mm                                                           |
|---------------------------------------------------------------------------------------------------------------------------------------|----------------|---------------------|----------------------------------|---------------------------------------------------------------------------------------|
|                                                                                                                                       |                | Low<br>construction | High<br>construction             |                                                                                       |
| Han® B,<br>Hoods,<br>side entry,<br>special type<br> | 1xM40<br>1xM50 |                     | 19 30 016 0523<br>19 30 016 0529 |    |
| Han® B,<br>Hoods,<br>flat cable entry<br>          |                |                     | 09 30 016 4411                   |   |
| Han® B,<br>Hoods,<br>without cable entry<br>       |                |                     | 09 30 016 0801                   |  |

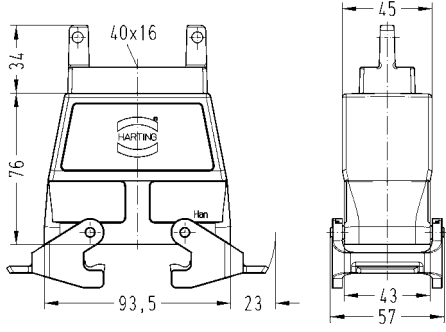
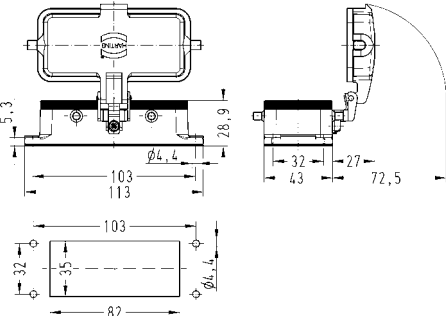
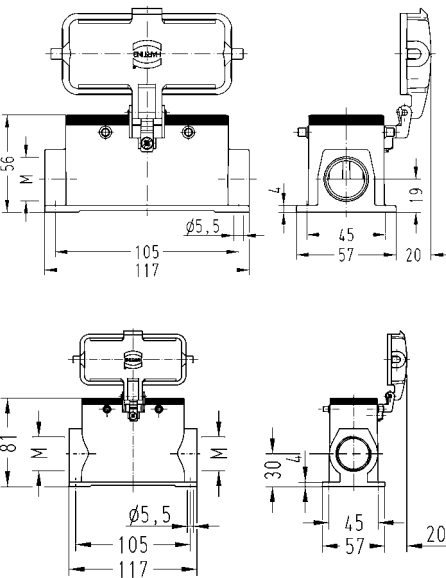
| Identification                                                                                                                                                                     | Cable entry                               | Part number                      |                                                                      | Drawing<br>Dimensions in mm                                                                              |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------|----------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|
|                                                                                                                                                                                    |                                           | Low<br>construction              | High<br>construction                                                 |                                                                                                          |
| Han® B,<br>Protection cover for hoods,<br>metal,<br>Han-Easy Lock®,<br>with securing flex<br><br> |                                           | 09 30 016 5422                   | 09 30 016 5422                                                       |                       |
| Han® B,<br>Bulkhead mounted housings,<br>Han-Easy Lock®<br><br>                                   |                                           | 09 30 016 0301                   |                                                                      |  <p>Panel cut out</p> |
| Han® B,<br>Bulkhead mounted housings,<br>Han-Easy Lock®,<br>IP67<br><br>                        |                                           | 09 30 016 1301                   |                                                                      |                     |
| Han® B,<br>Surface mounted housings,<br>side entry,<br>Han-Easy Lock®<br><br>                   | 1xM25<br>1xM32<br>2xM25<br>2xM32<br>2xM40 | 19 30 016 1231<br>19 30 016 1271 | 19 30 016 0232<br>19 30 016 0271<br>19 30 016 0272<br>19 30 016 0273 |                     |

| Identification                                                                                                                                                                                        | Cable entry    | Part number                      |                                  | Drawing<br>Dimensions in mm                                                           |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|----------------------------------|----------------------------------|---------------------------------------------------------------------------------------|
|                                                                                                                                                                                                       |                | Low<br>construction              | High<br>construction             |                                                                                       |
| Han® B,<br>Cover for housings,<br>plastic<br>                                                                        |                | 09 30 016 5405                   | 09 30 016 5405                   |    |
| Han® B,<br>Cover for housings,<br>metal,<br>with securing flex<br>                                                   |                | 09 30 016 5425                   | 09 30 016 5425                   |    |
| Han® B,<br>Cable to cable housings,<br>top entry,<br>Han-Easy Lock®<br>                                             | 1xM25<br>1xM32 | 19 30 016 1731<br>19 30 016 1732 | 19 30 016 0736<br>19 30 016 0737 |   |
| Han® B,<br>Protection cover for cable to<br>cable housings,<br>metal,<br>Han-Easy Lock®,<br>with securing flex<br> |                | 09 30 016 5426                   | 09 30 016 5426                   |  |
| Han® B,<br>Dust protection cover,<br>plastic<br>                                                                   |                | 09 30 016 5406                   | 09 30 016 5406                   |                                                                                       |

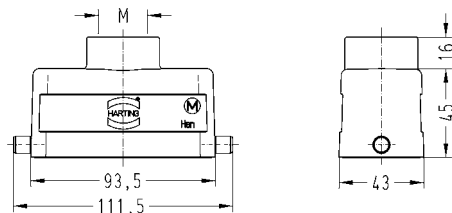
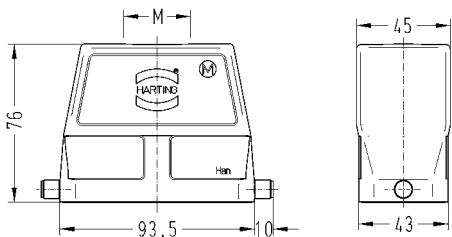
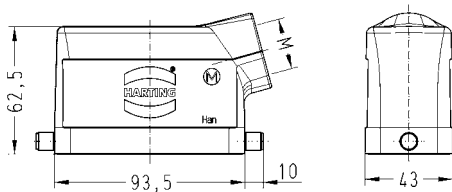
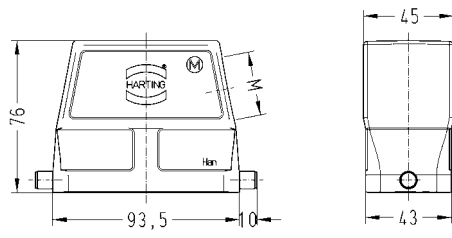
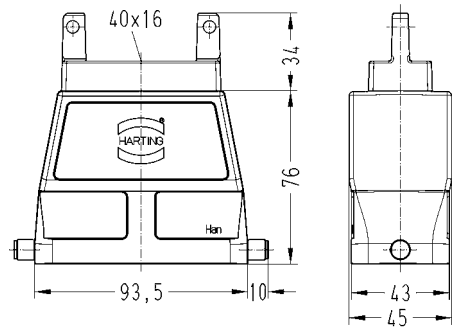
| Identification                                                                                                                                                                                            | Cable entry | Part number         |                      | Drawing<br>Dimensions in mm                                                                    |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|---------------------|----------------------|------------------------------------------------------------------------------------------------|
|                                                                                                                                                                                                           |             | Low<br>construction | High<br>construction |                                                                                                |
| <div><div><div>Han® B,<br/>Protection cover for hoods,<br/>plastic,<br/>with grounding pins</div><div></div></div></div> |             | 09 30 016 5401      | 09 30 016 5401       | <div></div> |

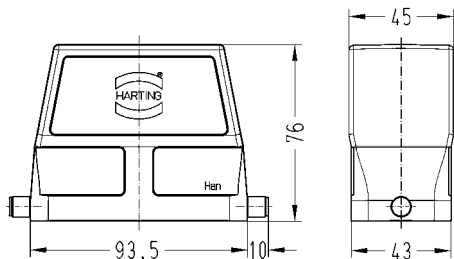
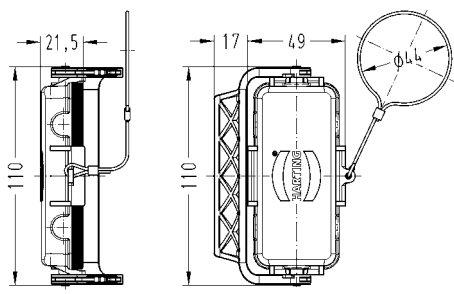
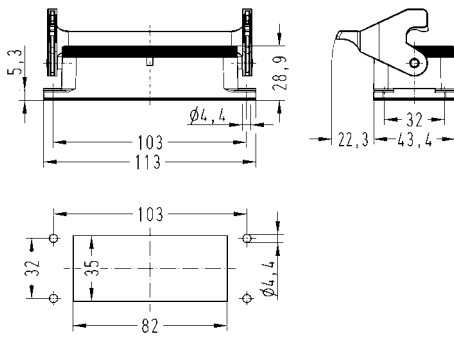
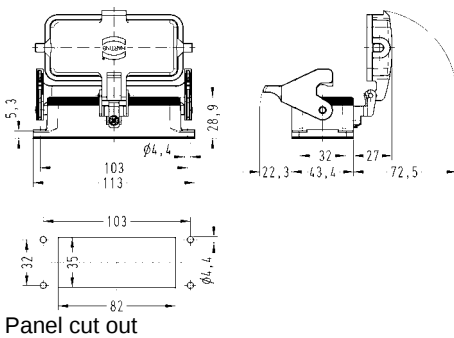
double locking lever

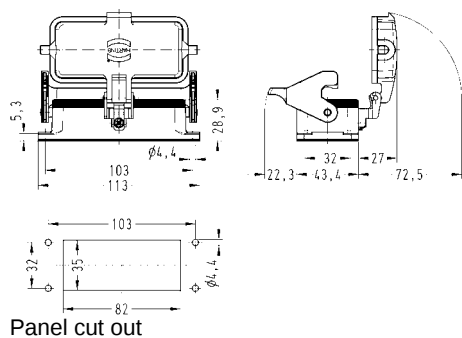
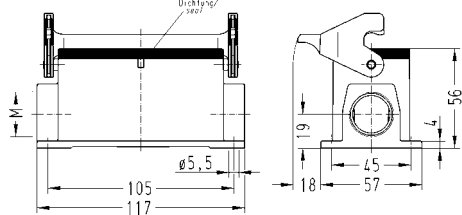
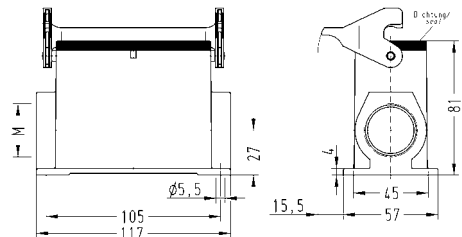
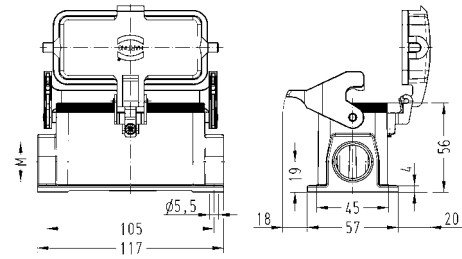
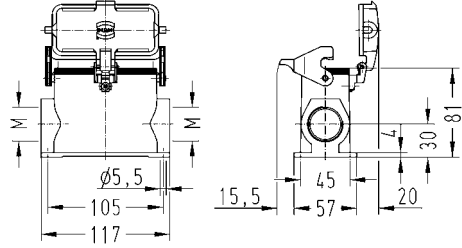
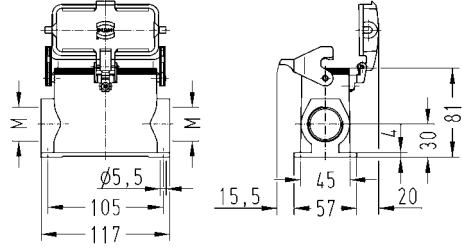
| Identification                                                                                                                            | Cable entry             | Part number                      |                                  | Drawing<br>Dimensions in mm                                                                                                                                                                                                                                      |
|-------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|----------------------------------|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                                                           |                         | Low<br>construction              | High<br>construction             |                                                                                                                                                                                                                                                                  |
| Han® B,<br>Hoods,<br>top entry,<br>Han-Easy Lock®<br>    | 1xM25<br>1xM32<br>1xM40 | 19 30 016 1431<br>19 30 016 1432 | 19 30 016 0437<br>19 30 016 0438 |                                                                                                                                                                               |
| Han® B,<br>Hoods,<br>side entry,<br>Han-Easy Lock®<br> | 1xM25<br>1xM32<br>1xM40 | 19 30 016 1531                   | 19 30 016 0537<br>19 30 016 0538 |    |

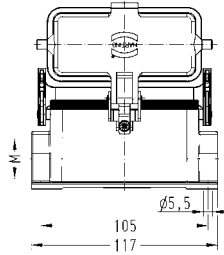
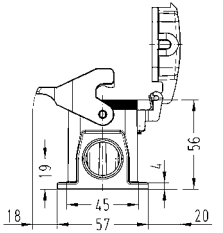
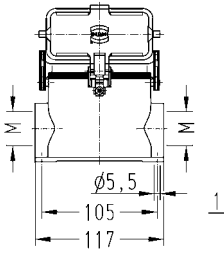
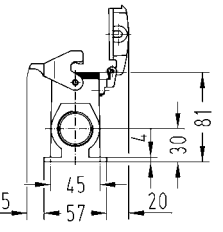
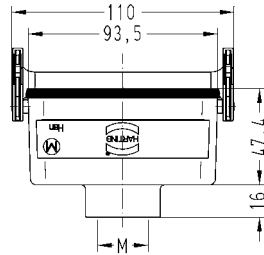
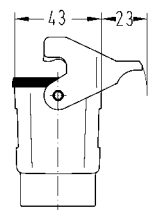
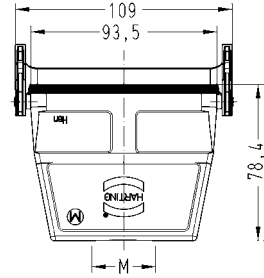
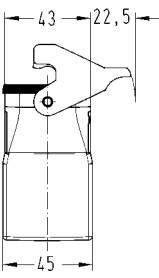
| Identification                                                                                                                                                          | Cable entry             | Part number                      |                      | Drawing<br>Dimensions in mm                                                                               |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|----------------------------------|----------------------|-----------------------------------------------------------------------------------------------------------|
|                                                                                                                                                                         |                         | Low<br>construction              | High<br>construction |                                                                                                           |
| Han® B,<br>Hoods,<br>flat cable entry,<br>Han-Easy Lock®<br>                           |                         |                                  | 09 30 016 4431       |                        |
| Han® B,<br>Bulkhead mounted housings,<br>with thermo-plastic cover<br>                 |                         | 09 30 016 0302                   |                      |  <p>Panel cut out</p> |
| Han® B,<br>Surface mounted housings,<br>side entry,<br>with thermo-plastic cover<br> | 1xM25<br>2xM25<br>2xM32 | 19 30 016 1226<br>19 30 016 1266 | 19 30 016 0267       |                      |

single locking lever

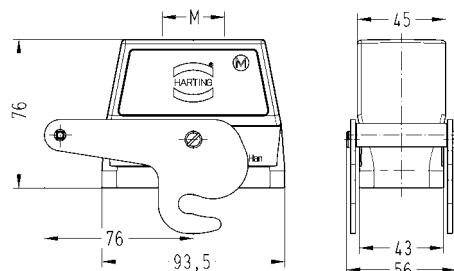
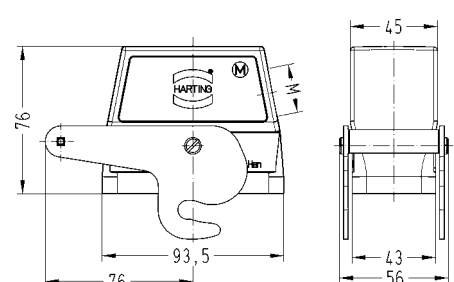
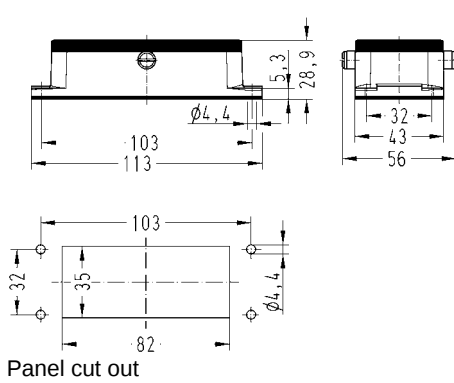
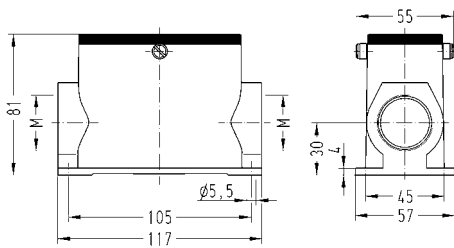
| Identification                                                                                                               | Cable entry             | Part number                      |                                  | Drawing<br>Dimensions in mm                                                                                                                                                 |
|------------------------------------------------------------------------------------------------------------------------------|-------------------------|----------------------------------|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                                              |                         | Low<br>construction              | High<br>construction             |                                                                                                                                                                             |
| Han® B,<br>Hoods,<br>top entry<br>          | 1xM25<br>1xM32<br>1xM40 | 19 30 016 1441<br>19 30 016 1442 | 19 30 016 0447<br>19 30 016 0448 |      |
| Han® B,<br>Hoods,<br>side entry<br>       | 1xM25<br>1xM32<br>1xM40 | 19 30 016 1541<br>19 30 016 1542 | 19 30 016 0547<br>19 30 016 0548 |   |
| Han® B,<br>Hoods,<br>flat cable entry<br> |                         |                                  | 09 30 016 4441                   |                                                                                        |

| Identification                                                                                                                                                               | Cable entry | Part number         |                      | Drawing<br>Dimensions in mm                                                                                |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|---------------------|----------------------|------------------------------------------------------------------------------------------------------------|
|                                                                                                                                                                              |             | Low<br>construction | High<br>construction |                                                                                                            |
| Han® B,<br>Hoods,<br>without cable entry<br>                                                |             |                     | 09 30 016 0803       |                         |
| Han® B,<br>Protection cover for hoods,<br>metal,<br>Han-Easy Lock®<br>                      |             | 09 30 016 5432      | 09 30 016 5432       |                         |
| Han® B,<br>Bulkhead mounted housings,<br>Han-Easy Lock®<br>                               |             | 09 30 016 0307      |                      |  <p>Panel cut out</p> |
| Han® B,<br>Bulkhead mounted housings,<br>Han-Easy Lock®,<br>with thermo-plastic cover<br> |             | 09 30 016 0306      |                      |  <p>Panel cut out</p> |

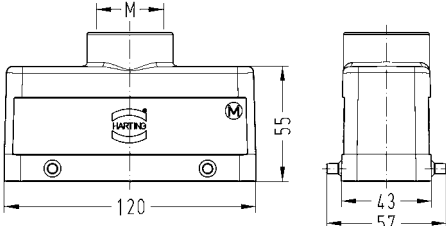
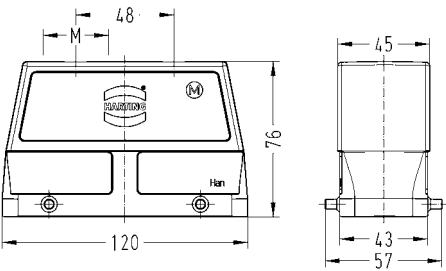
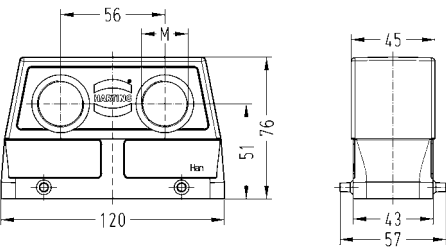
| Identification                                                                                                                                                                             | Cable entry                      | Part number                      |                                                    | Drawing<br>Dimensions in mm                                                                                                                                                                                                                                                                                                                                    |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|----------------------------------|----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                                                                                                            |                                  | Low<br>construction              | High<br>construction                               |                                                                                                                                                                                                                                                                                                                                                                |
| Han® B,<br>Bulkhead mounted housings,<br>Han-Easy Lock®,<br>with metal cover<br>                          |                                  | 09 30 016 0318                   |                                                    | <br>Panel cut out                                                                                                                                                                                                                                                           |
| Han® B,<br>Surface mounted housings,<br>side entry,<br>Han-Easy Lock®<br>                                | 1xM25<br>1xM32<br>2xM25<br>2xM32 | 19 30 016 1251<br>19 30 016 1291 | 19 30 016 0252<br>19 30 016 0291<br>19 30 016 0292 | <br><br><br> |
| Han® B,<br>Surface mounted housings,<br>side entry,<br>Han-Easy Lock®,<br>with thermo-plastic cover<br> | 1xM25<br>2xM25<br>2xM32          | 19 30 016 1256<br>19 30 016 1296 | 19 30 016 0297                                     | <br>                                                                                                                                                                                 |

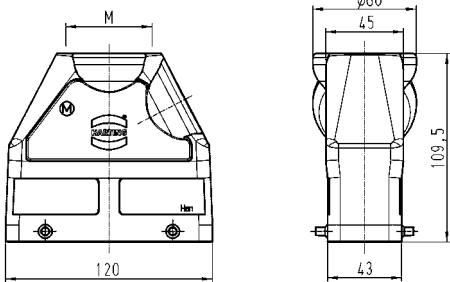
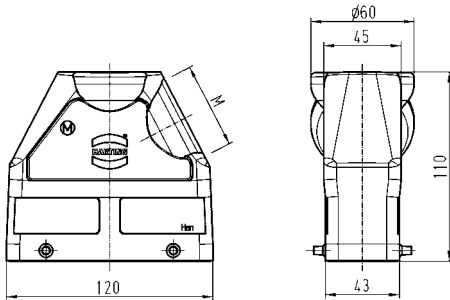
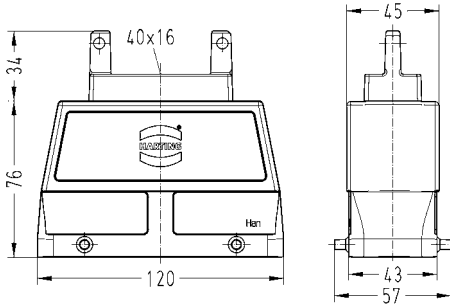
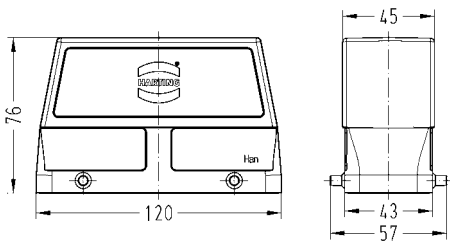
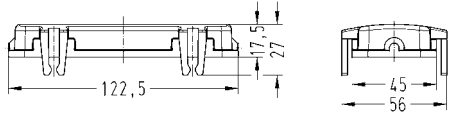
| Identification                                                                                                                                                                                                                                     | Cable entry    | Part number                      |                      | Drawing<br>Dimensions in mm                                                                                                                                                                                                                                                                                                                              |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|----------------------------------|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                                                                                                                                                                    |                | Low<br>construction              | High<br>construction |                                                                                                                                                                                                                                                                                                                                                          |
| Han® B,<br>Surface mounted housings,<br>side entry,<br>Han-Easy Lock®,<br>with metal cover<br><br>                                                                | 2xM25<br>2xM32 | 19 30 016 2296                   | 19 30 016 7297       |  <br>        |
| Han® B,<br>Cable to cable housings,<br>top entry,<br>Han-Easy Lock®<br><br>  | 1xM25<br>1xM32 | 19 30 016 1751<br>19 30 016 1752 | 19 30 016 0757       |  <br>  |

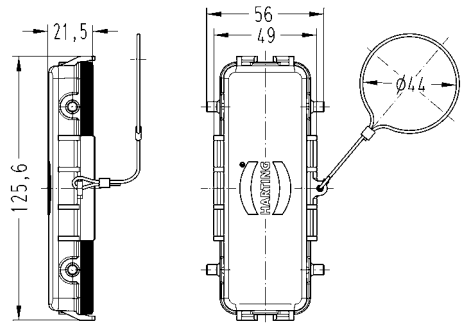
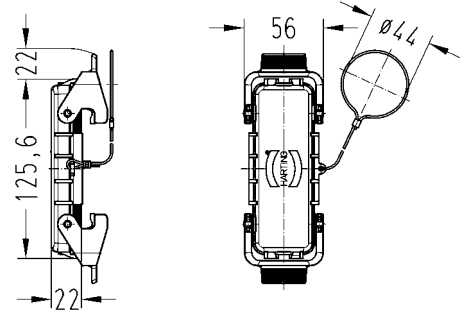
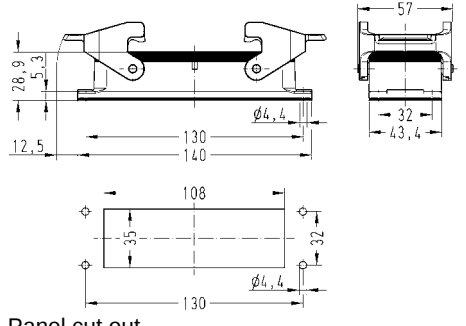
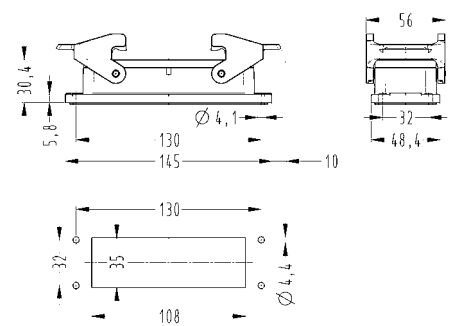
central locking lever

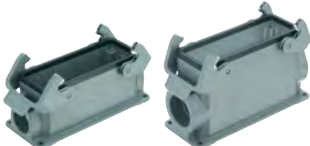
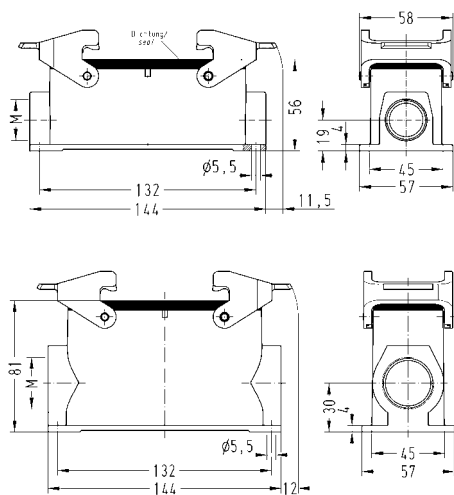
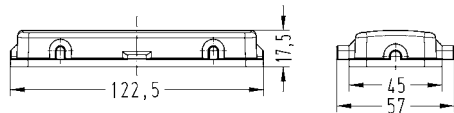
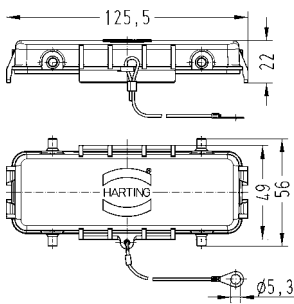
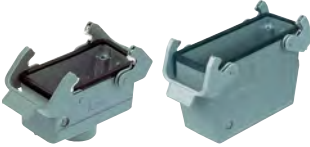
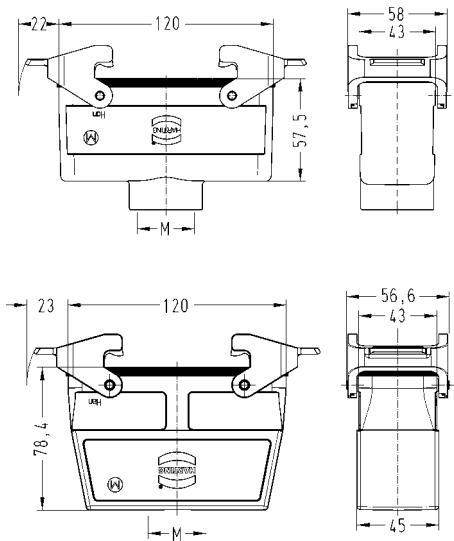
| Identification                                                                                                                            | Cable entry    | Part number         |                                  | Drawing<br>Dimensions in mm                                                                                |
|-------------------------------------------------------------------------------------------------------------------------------------------|----------------|---------------------|----------------------------------|------------------------------------------------------------------------------------------------------------|
|                                                                                                                                           |                | Low<br>construction | High<br>construction             |                                                                                                            |
| Han® B,<br>Hoods,<br>top entry<br>                       | 1xM32          |                     | 19 30 016 0487                   |                         |
| Han® B,<br>Hoods,<br>side entry<br>                    | 1xM25<br>1xM32 |                     | 19 30 016 0586<br>19 30 016 0587 |                        |
| Han® B,<br>Bulkhead mounted housings<br>               |                | 09 30 016 0381      |                                  |  <p>Panel cut out</p> |
| Han® B,<br>Surface mounted housings,<br>side entry<br> | 2xM32          |                     | 19 30 016 0282                   |                       |

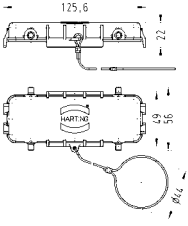
double locking lever

| Identification                                                                                                           | Cable entry                      | Part number                      |                                                                      | Drawing<br>Dimensions in mm                                                           |
|--------------------------------------------------------------------------------------------------------------------------|----------------------------------|----------------------------------|----------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|                                                                                                                          |                                  | Low<br>construction              | High<br>construction                                                 |                                                                                       |
| Han® B,<br>Hoods,<br>top entry<br>      | 1xM32<br>1xM40<br>2xM32<br>2xM40 | 19 30 024 1422                   | 19 30 024 0427<br>19 30 024 0428<br>19 30 024 0467<br>19 30 024 0468 |    |
| Han® B,<br>Hoods,<br>side entry<br>   | 1xM25<br>1xM32<br>1xM40          | 19 30 024 1521<br>19 30 024 1522 | 19 30 024 0527<br>19 30 024 0528                                     |   |
| Han® B,<br>Hoods,<br>angled entry<br> | 2xM25                            |                                  | 19 30 024 0666                                                       |  |

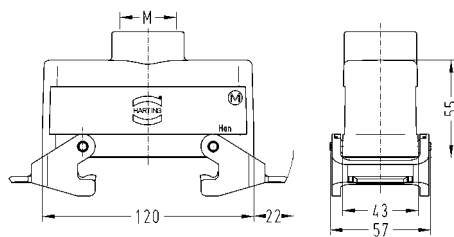
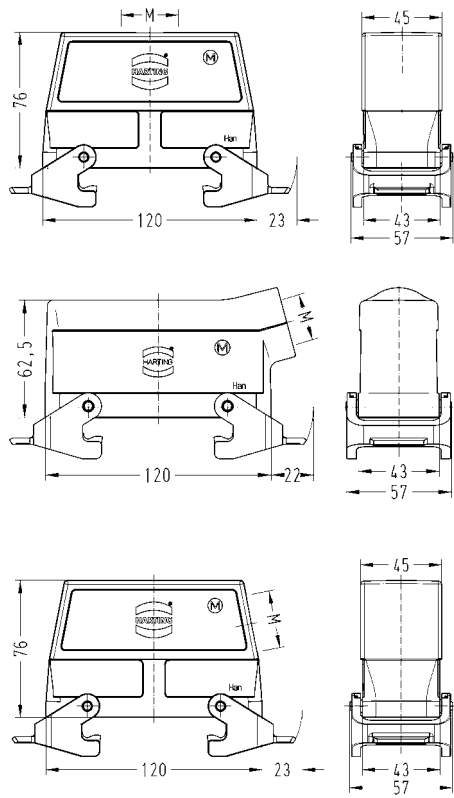
| Identification                                                                                                                                                   | Cable entry    | Part number         |                                  | Drawing<br>Dimensions in mm                                                           |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|---------------------|----------------------------------|---------------------------------------------------------------------------------------|
|                                                                                                                                                                  |                | Low<br>construction | High<br>construction             |                                                                                       |
| Han® B,<br>Hoods,<br>top entry,<br>special type<br>                             | 1xM50          |                     | 19 30 024 0429                   |    |
| Han® B,<br>Hoods,<br>side entry,<br>special type<br>                            | 1xM40<br>1xM50 |                     | 19 30 024 0523<br>19 30 024 0529 |   |
| Han® B,<br>Hoods,<br>flat cable entry<br>                                     |                |                     | 09 30 024 4411                   |  |
| Han® B,<br>Hoods,<br>without cable entry<br>                                  |                |                     | 09 30 024 0801                   |  |
| Han® B,<br>Protection cover for hoods,<br>plastic,<br>with grounding pins<br> |                | 09 30 024 5401      | 09 30 024 5401                   |  |

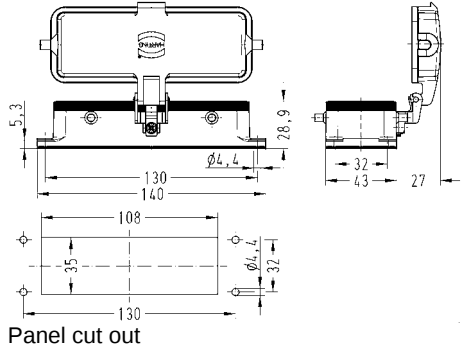
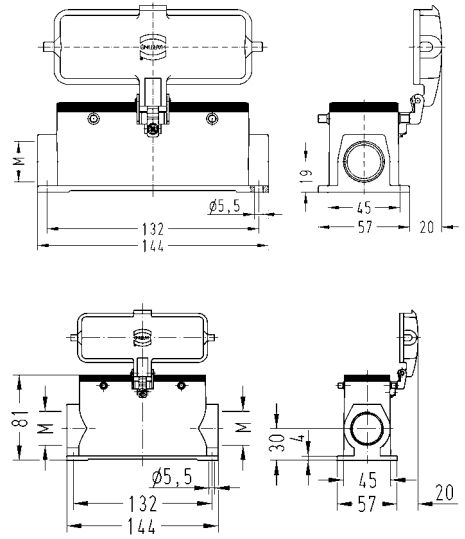
| Identification                                                                                                                                                                     | Cable entry | Part number         |                      | Drawing<br>Dimensions in mm                                                           |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|---------------------|----------------------|---------------------------------------------------------------------------------------|
|                                                                                                                                                                                    |             | Low<br>construction | High<br>construction |                                                                                       |
| Han® B,<br>Protection cover for hoods,<br>metal,<br>with securing flex<br><br>                    |             | 09 30 024 5442      | 09 30 024 5442       |    |
| Han® B,<br>Protection cover for hoods,<br>metal,<br>Han-Easy Lock®,<br>with securing flex<br><br> |             | 09 30 024 5422      | 09 30 024 5422       |   |
| Han® B,<br>Bulkhead mounted housings,<br>Han-Easy Lock®<br><br>                                 |             | 09 30 024 0301      |                      |  |
| Han® B,<br>Bulkhead mounted housings,<br>Han-Easy Lock®,<br>IP67<br><br>                        |             | 09 30 024 1301      |                      |  |

| Identification                                                                                                                                             | Cable entry                               | Part number                      |                                                    | Drawing<br>Dimensions in mm                                                           |
|------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------|----------------------------------------------------|---------------------------------------------------------------------------------------|
|                                                                                                                                                            |                                           | Low<br>construction              | High<br>construction                               |                                                                                       |
| Han® B,<br>Surface mounted housings,<br>side entry,<br>Han-Easy Lock®<br> | 1xM25<br>1xM32<br>2xM25<br>2xM32<br>2xM40 | 19 30 024 1231<br>19 30 024 1271 | 19 30 024 0232<br>19 30 024 0272<br>19 30 024 0273 |    |
| Han® B,<br>Cover for housings,<br>plastic<br>                            |                                           | 09 30 024 5405                   | 09 30 024 5405                                     |    |
| Han® B,<br>Cover for housings,<br>metal,<br>with securing flex<br>      |                                           | 09 30 024 5425                   | 09 30 024 5425                                     |  |
| Han® B,<br>Cable to cable housings,<br>top entry,<br>Han-Easy Lock®<br> | 1xM32<br>1xM40                            | 19 30 024 1732                   | 19 30 024 0737<br>19 30 024 0738                   |  |

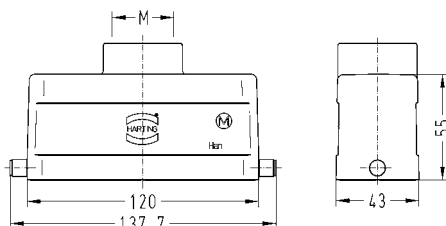
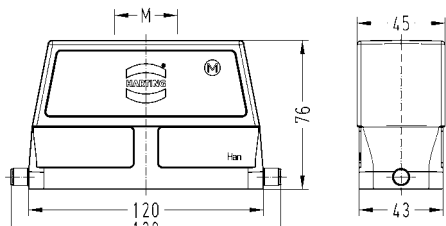
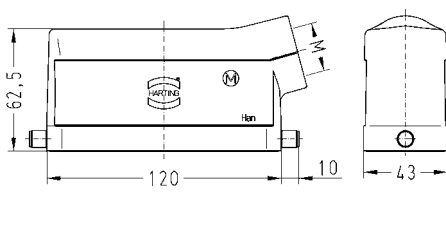
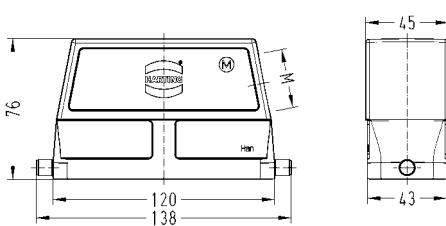
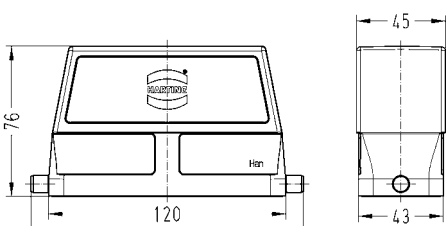
| Identification                                                                                                                                                                   | Cable entry | Part number         |                      | Drawing<br>Dimensions in mm                                                         |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|---------------------|----------------------|-------------------------------------------------------------------------------------|
|                                                                                                                                                                                  |             | Low<br>construction | High<br>construction |                                                                                     |
| Han® B,<br>Protection cover for cable to<br>cable housings,<br>metal,<br>with securing flex<br> |             | 09 30 024 5426      | 09 30 024 5426       |  |
| Han® B,<br>Dust protection cover,<br>plastic<br>                                                |             | 09 30 024 5406      | 09 30 024 5406       |                                                                                     |

double locking lever

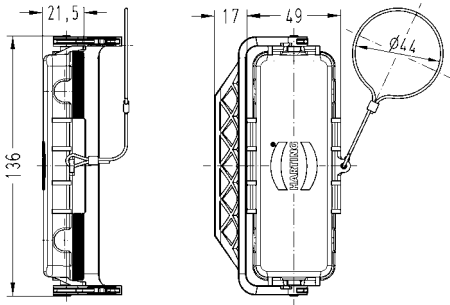
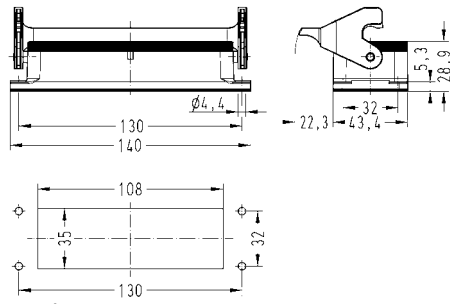
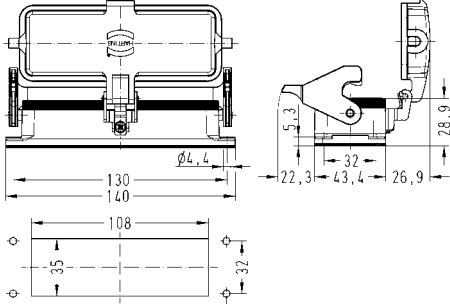
| Identification                                                                                                                            | Cable entry             | Part number         |                                  | Drawing<br>Dimensions in mm                                                          |
|-------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|---------------------|----------------------------------|--------------------------------------------------------------------------------------|
|                                                                                                                                           |                         | Low<br>construction | High<br>construction             |                                                                                      |
| Han® B,<br>Hoods,<br>top entry,<br>Han-Easy Lock®<br>    | 1xM32<br>1xM40          | 19 30 024 1432      | 19 30 024 0437<br>19 30 024 0438 |   |
| Han® B,<br>Hoods,<br>side entry,<br>Han-Easy Lock®<br> | 1xM25<br>1xM32<br>1xM40 | 19 30 024 1531      | 19 30 024 0537<br>19 30 024 0538 |  |

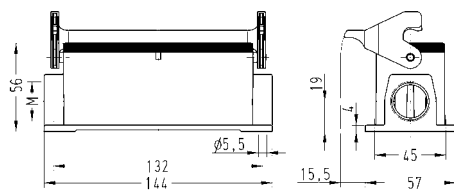
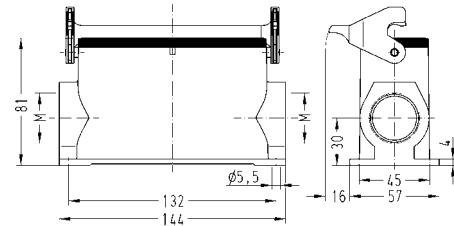
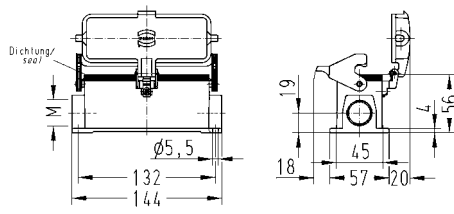
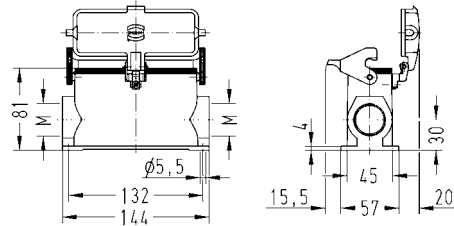
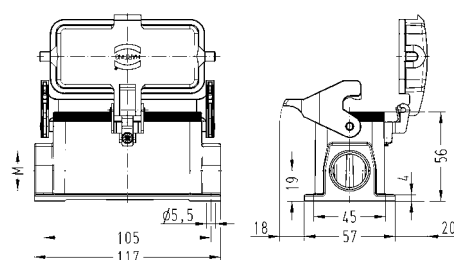
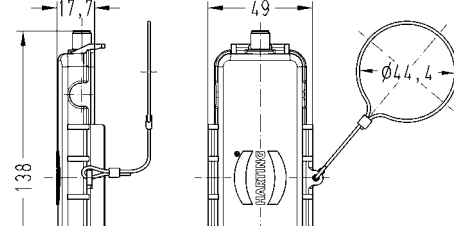
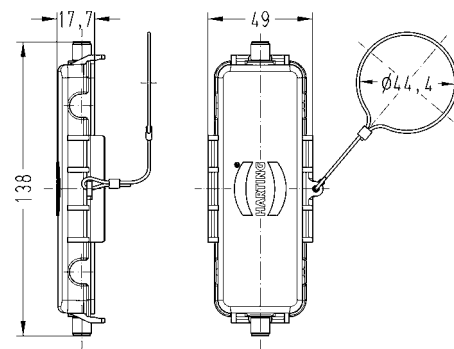
| Identification                                                                                                                                                         | Cable entry             | Part number                      |                      | Drawing<br>Dimensions in mm                                                                              |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|----------------------------------|----------------------|----------------------------------------------------------------------------------------------------------|
|                                                                                                                                                                        |                         | Low<br>construction              | High<br>construction |                                                                                                          |
| Han® B,<br>Bulkhead mounted housings,<br>with thermo-plastic cover<br>                |                         | 09 30 024 0302                   |                      |  <p>Panel cut out</p> |
| Han® B,<br>Surface mounted housings,<br>side entry,<br>with thermo-plastic cover<br> | 1xM25<br>2xM25<br>2xM32 | 19 30 024 1226<br>19 30 024 1266 | 19 30 024 0267       |                      |

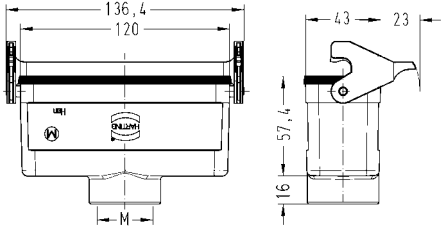
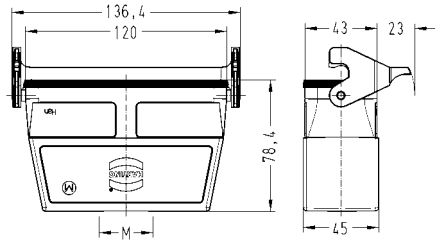
single locking lever

| Identification                                                                                                                  | Cable entry             | Part number                      |                                  | Drawing<br>Dimensions in mm                                                                                                                                                 |
|---------------------------------------------------------------------------------------------------------------------------------|-------------------------|----------------------------------|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                                                 |                         | Low<br>construction              | High<br>construction             |                                                                                                                                                                             |
| Han® B,<br>Hoods,<br>top entry<br>             | 1xM32<br>1xM40          | 19 30 024 1442                   | 19 30 024 0447<br>19 30 024 0448 |      |
| Han® B,<br>Hoods,<br>side entry<br>          | 1xM25<br>1xM32<br>1xM40 | 19 30 024 1541<br>19 30 024 1542 | 19 30 024 0547<br>19 30 024 0548 |   |
| Han® B,<br>Hoods,<br>without cable entry<br> |                         |                                  | 09 30 024 0803                   |                                                                                        |

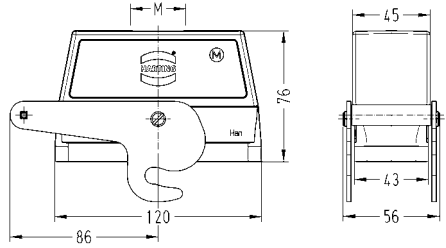
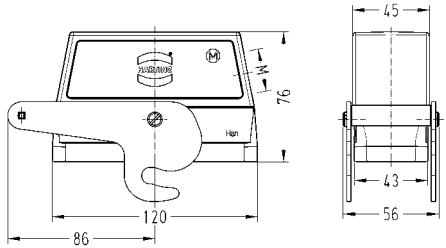
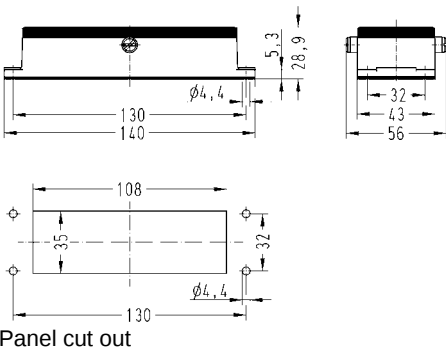
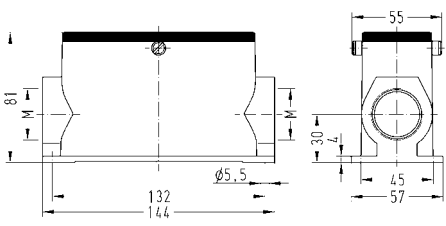
Hoods  
Housings

| Identification                                                                                                                                                                     | Cable entry | Part number         |                      | Drawing<br>Dimensions in mm                                                                                |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|---------------------|----------------------|------------------------------------------------------------------------------------------------------------|
|                                                                                                                                                                                    |             | Low<br>construction | High<br>construction |                                                                                                            |
| Han® B,<br>Protection cover for hoods,<br>metal,<br>Han-Easy Lock®,<br>with securing flex<br><br> |             | 09 30 024 5432      | 09 30 024 5432       |                         |
| Han® B,<br>Bulkhead mounted housings,<br>Han-Easy Lock®<br><br>                                   |             | 09 30 024 0307      |                      |  <p>Panel cut out</p>  |
| Han® B,<br>Bulkhead mounted housings,<br>Han-Easy Lock®,<br>with thermo-plastic cover<br><br>   |             | 09 30 024 0304      |                      |  <p>Panel cut out</p> |
| Han® B,<br>Bulkhead mounted housings,<br>Han-Easy Lock®,<br>with metal cover<br><br>            |             | 09 30 024 0318      |                      |                                                                                                            |

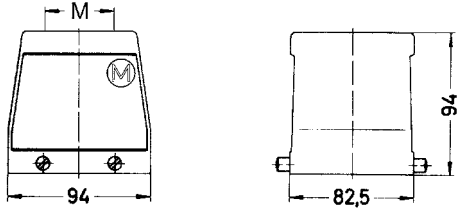
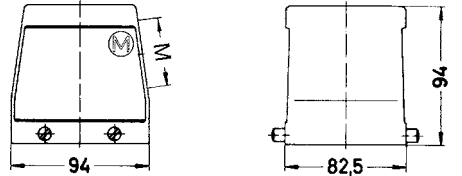
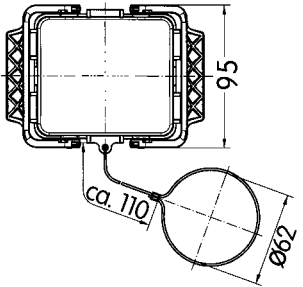
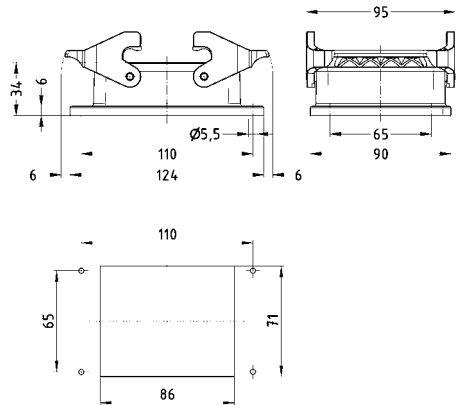
| Identification                                                                                                                                                                            | Cable entry             | Part number                      |                      | Drawing<br>Dimensions in mm                                                                                                                                                 |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|----------------------------------|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                                                                                                           |                         | Low<br>construction              | High<br>construction |                                                                                                                                                                             |
| Han® B,<br>Surface mounted housings,<br>side entry,<br>Han-Easy Lock®<br>                                | 1xM25<br>2xM25<br>2xM32 | 19 30 024 1251<br>19 30 024 1291 | 19 30 024 0292       |       |
| Han® B,<br>Surface mounted housings,<br>side entry,<br>Han-Easy Lock®,<br>with thermo-plastic cover<br> | 1xM25<br>2xM25<br>2xM32 | 19 30 024 1256<br>19 30 024 1296 | 19 30 024 0297       |    |
| Han® B,<br>Surface mounted housings,<br>side entry,<br>Han-Easy Lock®,<br>with metal cover<br>         | 2xM25<br>2xM32          | 19 30 024 2296                   | 19 30 024 7297       |   |
| Han® B,<br>Cover for housings,<br>metal<br>                                                            |                         | 09 30 024 5436                   | 09 30 024 5436       |                                                                                        |

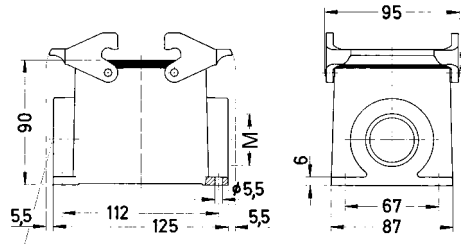
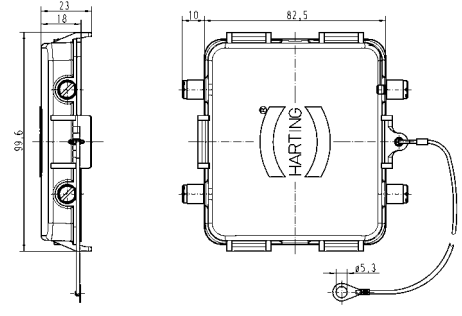
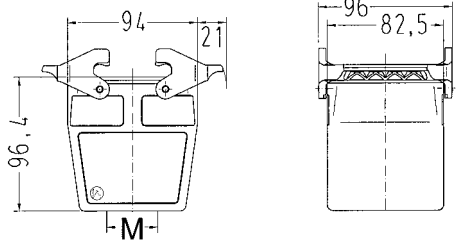
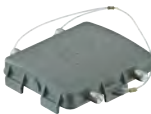
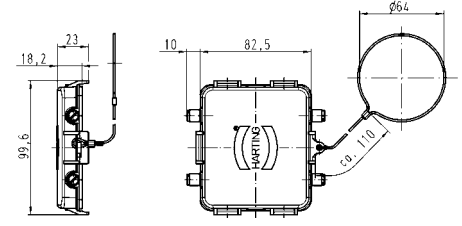
| Identification                                                                                                                                                                     | Cable entry | Part number         |                      | Drawing<br>Dimensions in mm                                                                                                                                                          |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|---------------------|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                                                                                                    |             | Low<br>construction | High<br>construction |                                                                                                                                                                                      |
| <div> Han® B,<br/>Cable to cable housings,<br/>top entry,<br/>Han-Easy Lock® <div>  </div> </div> | 1xM32       | 19 30 024 1752      | 19 30 024 0757       | <div>   </div> |

central locking lever

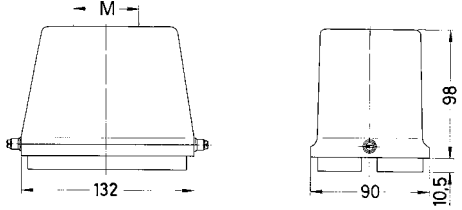
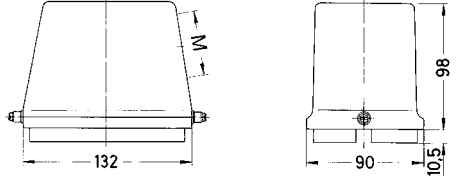
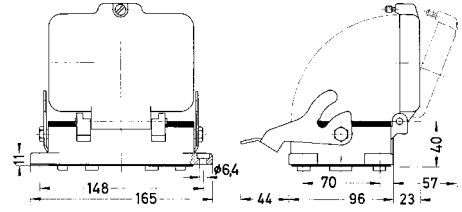
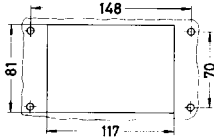
| Identification                                                                                                                            | Cable entry             | Part number         |                                                    | Drawing<br>Dimensions in mm                                                                                |
|-------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|---------------------|----------------------------------------------------|------------------------------------------------------------------------------------------------------------|
|                                                                                                                                           |                         | Low<br>construction | High<br>construction                               |                                                                                                            |
| Han® B,<br>Hoods,<br>top entry<br>                       | 1xM32                   |                     | 19 30 024 0487                                     |                         |
| Han® B,<br>Hoods,<br>side entry<br>                    | 1xM25<br>1xM32<br>1xM40 |                     | 19 30 024 0586<br>19 30 024 0587<br>19 30 024 0588 |                        |
| Han® B,<br>Bulkhead mounted housings<br>               |                         | 09 30 024 0381      |                                                    |  <p>Panel cut out</p> |
| Han® B,<br>Surface mounted housings,<br>side entry<br> | 2xM32                   |                     | 19 30 024 0282                                     |                       |

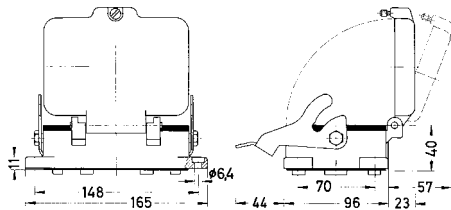
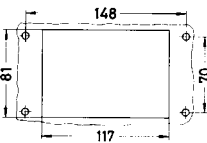
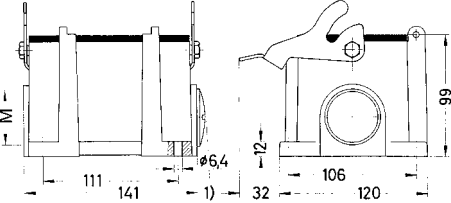
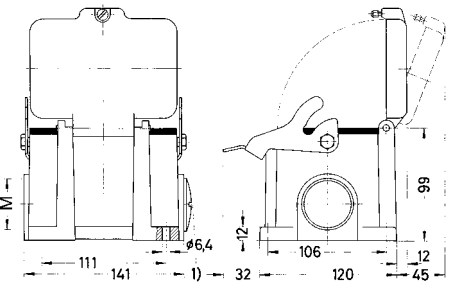
double locking lever

| Identification                                                                                                                                 | Cable entry             | Part number                                        |                     | Drawing<br>Dimensions in mm                                                                                |
|------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|----------------------------------------------------|---------------------|------------------------------------------------------------------------------------------------------------|
|                                                                                                                                                |                         | High<br>construction                               | Low<br>construction |                                                                                                            |
| Han® B,<br>Hoods,<br>top entry<br>                            | 1xM32<br>1xM40<br>1xM50 | 19 30 032 0427<br>19 30 032 0428<br>19 30 032 0429 |                     |                         |
| Han® B,<br>Hoods,<br>side entry<br>                          | 1xM32<br>1xM40<br>1xM50 | 19 30 032 0527<br>19 30 032 0528<br>19 30 032 0529 |                     |                        |
| Han® B,<br>Protection cover for hoods,<br>metal,<br>with securing flex                                                                         |                         | 09 30 032 5420                                     | 09 30 032 5420      |                       |
| Han® B,<br>Bulkhead mounted housings,<br>Han-Easy Lock®<br> |                         |                                                    | 09 30 032 0301      |  <p>Panel cut out</p> |

| Identification                                                                                                                                                                     | Cable entry             | Part number                                        |                                  | Drawing<br>Dimensions in mm                                                           |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|----------------------------------------------------|----------------------------------|---------------------------------------------------------------------------------------|
|                                                                                                                                                                                    |                         | High<br>construction                               | Low<br>construction              |                                                                                       |
| Han® B,<br>Surface mounted housings,<br>side entry,<br>Han-Easy Lock®<br>                         | 1xM32<br>2xM32<br>2xM40 | 19 30 032 0232<br>19 30 032 0272<br>19 30 032 0273 |                                  |    |
| Han® B,<br>Cover for housings,<br>metal,<br>with securing flex<br>                                |                         | 09 30 032 5425                                     | 09 30 032 5425                   |    |
| Han® B,<br>Cable to cable housings,<br>top entry,<br>Han-Easy Lock®<br>                         | 1xM40                   | 19 30 032 0738                                     |                                  |  |
| Han® B,<br>Protection cover for cable to<br>cable housings,<br>metal,<br>with securing flex<br> |                         | 09 30 032 5426<br>09 30 032 5427                   | 09 30 032 5426<br>09 30 032 5427 |  |

single locking lever

| Identification                                                                                                                                            | Cable entry             | Part number         |                                                    | Drawing<br>Dimensions in mm                                                                                                                                                                     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|---------------------|----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                                                                           |                         | Low<br>construction | High<br>construction                               |                                                                                                                                                                                                 |
| Han® B,<br>Hoods,<br>top entry<br>                                       | 1xM40<br>1xM50<br>1xM63 |                     | 19 30 048 0448<br>19 30 048 0449<br>19 30 048 0450 |                                                                                                              |
| Han® B,<br>Hoods,<br>side entry<br>                                    | 1xM40<br>1xM50          |                     | 19 30 048 0548<br>19 30 048 0549                   |                                                                                                             |
| Han® B,<br>Bulkhead mounted housings,<br>with thermo-plastic cover<br> |                         | 09 30 048 0301      |                                                    | <br><br>Panel cut out |

| Identification                                                                                                                                                          | Cable entry    | Part number         |                                  | Drawing<br>Dimensions in mm                                                                                                                                                                 |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|---------------------|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                                                                                         |                | Low<br>construction | High<br>construction             |                                                                                                                                                                                             |
| Han® B,<br>Bulkhead mounted housings,<br>with metal cover<br>                          |                | 09 30 048 0317      |                                  | <br><br>Panel cut out |
| Han® B,<br>Surface mounted housings,<br>side entry<br>                                | 2xM32<br>2xM40 |                     | 19 30 048 0292<br>19 30 048 0293 |                                                                                                         |
| Han® B,<br>Surface mounted housings,<br>side entry,<br>with thermo-plastic cover<br> | 2xM40          |                     | 19 30 048 0298                   |                                                                                                        |

## Features

- Metal hoods/housings for industrial applications

## Technical characteristics

|                                            |                                 |
|--------------------------------------------|---------------------------------|
| Limiting temperatures                      | -40 °C ... 125 °C               |
| Flammability (locking lever) acc. to UL 94 | V 0                             |
| Protection class acc. to UL 50             | NEMA type 4/4X/12               |
| Degree of protection acc. to IEC 60529     | IP65 / IP67                     |
| Material (hoods/housings)                  | aluminium                       |
| Surface (hoods/housings)                   | powder-coated                   |
| Material (locking lever)                   | polycarbonate + stainless steel |
| Colour (locking lever)                     | RAL 7037 (grey)                 |
| Material (seal)                            | NBR                             |

## Specifications and approvals



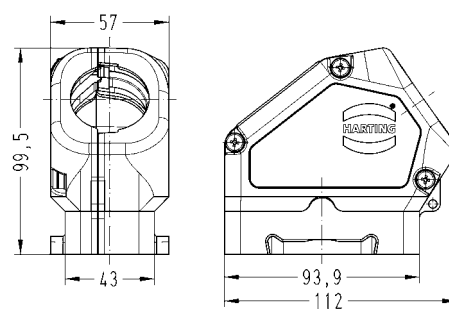
double locking lever

## Identification

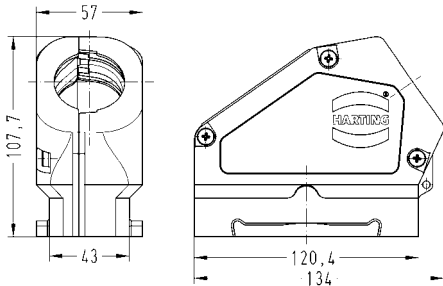
## Part number

Drawing  
Dimensions in mmHan® Easy Hood,  
Hoods,  
side entry

11 30 016 0520



double locking lever

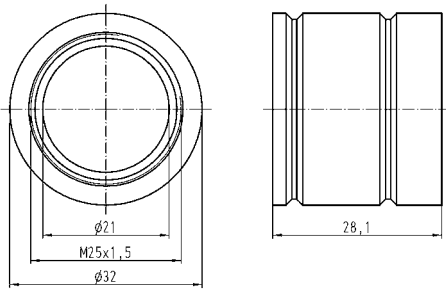
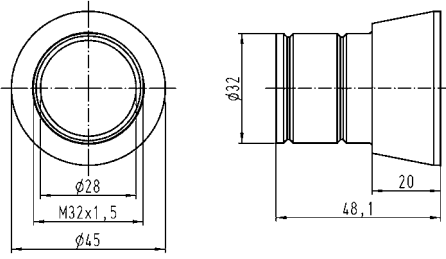
| Identification                                                                                                                                    | Part number    | Drawing<br>Dimensions in mm                                                                    |
|---------------------------------------------------------------------------------------------------------------------------------------------------|----------------|------------------------------------------------------------------------------------------------|
| <div>Han® Easy Hood,<br/>Hoods,<br/>side entry</div> <div></div> | 11 30 024 0520 | <div></div> |

## Technical characteristics

Material (accessories) plastic

## Technical characteristics

Colour (accessories) black

| Identification                                                                                                           | Clamping range (mm)                                           | Size       | Part number                                                                            | Drawing Dimensions in mm                                                                                                                                                      |
|--------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|------------|----------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Thread adapter</b><br>               |                                                               | M25<br>M32 | 11 30 000 9961<br>11 30 000 9962                                                       | <br> |
| <b>Han® Easy Hood, Cable seal</b><br> | 20 ... 22<br>23 ... 25<br>26 ... 28<br>29 ... 31<br>32 ... 34 |            | 11 30 000 9955<br>11 30 000 9956<br>11 30 000 9957<br>11 30 000 9958<br>11 30 000 9959 |                                                                                                                                                                               |

## Features

- Angled housing replaces the terminal box
- Compact design saves space
- The position of the terminal housing can be switched by 90°
- Compatible with standard hoods for single lever size 10 B
- Locking levers: Han-Easy Lock®
- Star and delta circuits can be realized in the female connector Han® ESS
- Suitable for standard inserts

## Technical characteristics

|                                            |                                 |
|--------------------------------------------|---------------------------------|
| Limiting temperatures                      | -40 °C ... 125 °C               |
| Flammability (locking lever) acc. to UL 94 | V 0                             |
| Protection class acc. to UL 50             | NEMA type 4/4X/12               |
| Degree of protection acc. to IEC 60529     | IP65                            |
| Material (hoods/housings)                  | aluminium                       |
| Surface (hoods/housings)                   | unpainted, powder-coated        |
| Colour (hoods/housings)                    | unpainted, RAL 7037 (grey)      |
| Material (locking lever)                   | polycarbonate + stainless steel |
| Colour (locking lever)                     | RAL 7037 (grey)                 |
| Material (seal)                            | NBR                             |

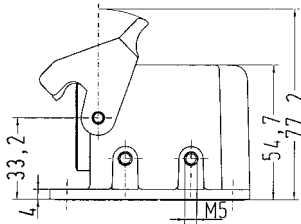
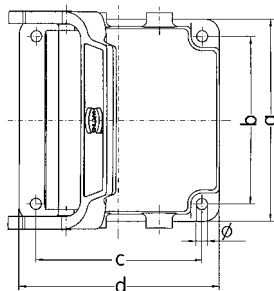
## Specifications and approvals



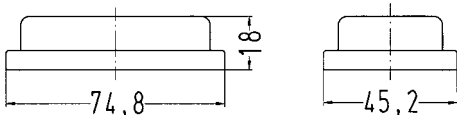
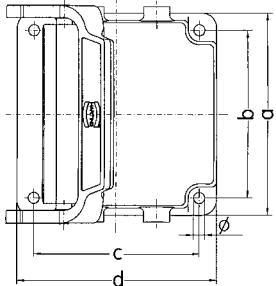


single locking lever



| Identification                                                                                                        | Part number                                                                                              | Drawing<br>Dimensions in mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |    |    |     |   |   |   |                |    |    |    |    |     |                |    |  |  |    |  |                |    |    |    |    |  |                |    |    |    |    |     |                |    |  |  |    |  |                |    |    |    |    |  |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |
|-----------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|----|-----|---|---|---|----------------|----|----|----|----|-----|----------------|----|--|--|----|--|----------------|----|----|----|----|--|----------------|----|----|----|----|-----|----------------|----|--|--|----|--|----------------|----|----|----|----|--|----------------|----|----|----|----|-----|----------------|----|----|----|----|-----|----------------|----|----|----|----|-----|----------------|----|----|----|----|-----|----------------|----|----|----|----|-----|----------------|----|----|----|----|-----|----------------|----|----|----|----|-----|----------------|----|----|----|----|-----|
| Han-Drive®,<br>Housings for motor termination,<br>unpainted,<br>Han-Easy Lock®                                        | 09 30 410 0901<br>09 30 410 0909<br>09 30 410 0921                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |    |    |     |   |   |   |                |    |    |    |    |     |                |    |  |  |    |  |                |    |    |    |    |  |                |    |    |    |    |     |                |    |  |  |    |  |                |    |    |    |    |  |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |
| Han-Drive®,<br>Housings for motor termination,<br>unpainted,<br>with protection cover,<br>Han-Easy Lock®              | 09 30 410 0951<br>09 30 410 0960<br>09 30 410 0970<br>09 30 410 0971<br>09 30 410 0974<br>09 30 410 0983 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |    |     |   |   |   |                |    |    |    |    |     |                |    |  |  |    |  |                |    |    |    |    |  |                |    |    |    |    |     |                |    |  |  |    |  |                |    |    |    |    |  |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |
| Han-Drive®,<br>Housings for motor termination,<br>powder-coated RAL 7037,<br>Han-Easy Lock®                           | 09 30 010 0901<br>09 30 010 0902                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |    |    |     |   |   |   |                |    |    |    |    |     |                |    |  |  |    |  |                |    |    |    |    |  |                |    |    |    |    |     |                |    |  |  |    |  |                |    |    |    |    |  |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |
| Han-Drive®,<br>Housings for motor termination,<br>powder-coated RAL 7037,<br>with protection cover,<br>Han-Easy Lock® | 09 30 010 0961                                                                                           | <table><tr><th></th><th>a</th><th>b</th><th>c</th><th>d</th><th>Ø</th></tr><tr><td>09 30 010 0901</td><td>82</td><td>68</td><td>68</td><td>82</td><td>4.5</td></tr><tr><td>09 30 010 0902</td><td>98</td><td></td><td></td><td>98</td><td></td></tr><tr><td>09 30 010 0961</td><td>82</td><td>70</td><td>70</td><td>82</td><td></td></tr><tr><td>09 30 410 0901</td><td>82</td><td>68</td><td>68</td><td>82</td><td>4.5</td></tr><tr><td>09 30 410 0909</td><td>98</td><td></td><td></td><td>98</td><td></td></tr><tr><td>09 30 410 0921</td><td>85</td><td>73</td><td>73</td><td>85</td><td></td></tr><tr><td>09 30 410 0951</td><td>82</td><td>68</td><td>68</td><td>82</td><td>4.5</td></tr><tr><td>09 30 410 0960</td><td>98</td><td>70</td><td>70</td><td>98</td><td>4.3</td></tr><tr><td>09 30 410 0970</td><td>92</td><td>77</td><td>77</td><td>92</td><td>4.3</td></tr><tr><td>09 30 410 0971</td><td>85</td><td>73</td><td>73</td><td>85</td><td>5.5</td></tr><tr><td>09 30 410 0974</td><td>92</td><td>70</td><td>70</td><td>92</td><td>4.3</td></tr><tr><td>09 30 410 0983</td><td>92</td><td>80</td><td>80</td><td>92</td><td>5.1</td></tr><tr><td>09 62 810 0901</td><td>82</td><td>68</td><td>68</td><td>82</td><td>4.5</td></tr><tr><td>09 62 810 0974</td><td>92</td><td>70</td><td>70</td><td>92</td><td>4.1</td></tr></table> |    | a  | b   | c | d | Ø | 09 30 010 0901 | 82 | 68 | 68 | 82 | 4.5 | 09 30 010 0902 | 98 |  |  | 98 |  | 09 30 010 0961 | 82 | 70 | 70 | 82 |  | 09 30 410 0901 | 82 | 68 | 68 | 82 | 4.5 | 09 30 410 0909 | 98 |  |  | 98 |  | 09 30 410 0921 | 85 | 73 | 73 | 85 |  | 09 30 410 0951 | 82 | 68 | 68 | 82 | 4.5 | 09 30 410 0960 | 98 | 70 | 70 | 98 | 4.3 | 09 30 410 0970 | 92 | 77 | 77 | 92 | 4.3 | 09 30 410 0971 | 85 | 73 | 73 | 85 | 5.5 | 09 30 410 0974 | 92 | 70 | 70 | 92 | 4.3 | 09 30 410 0983 | 92 | 80 | 80 | 92 | 5.1 | 09 62 810 0901 | 82 | 68 | 68 | 82 | 4.5 | 09 62 810 0974 | 92 | 70 | 70 | 92 | 4.1 |
|                                                                                                                       | a                                                                                                        | b                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | c  | d  | Ø   |   |   |   |                |    |    |    |    |     |                |    |  |  |    |  |                |    |    |    |    |  |                |    |    |    |    |     |                |    |  |  |    |  |                |    |    |    |    |  |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |
| 09 30 010 0901                                                                                                        | 82                                                                                                       | 68                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 68 | 82 | 4.5 |   |   |   |                |    |    |    |    |     |                |    |  |  |    |  |                |    |    |    |    |  |                |    |    |    |    |     |                |    |  |  |    |  |                |    |    |    |    |  |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |
| 09 30 010 0902                                                                                                        | 98                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |    | 98 |     |   |   |   |                |    |    |    |    |     |                |    |  |  |    |  |                |    |    |    |    |  |                |    |    |    |    |     |                |    |  |  |    |  |                |    |    |    |    |  |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |
| 09 30 010 0961                                                                                                        | 82                                                                                                       | 70                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 70 | 82 |     |   |   |   |                |    |    |    |    |     |                |    |  |  |    |  |                |    |    |    |    |  |                |    |    |    |    |     |                |    |  |  |    |  |                |    |    |    |    |  |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |
| 09 30 410 0901                                                                                                        | 82                                                                                                       | 68                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 68 | 82 | 4.5 |   |   |   |                |    |    |    |    |     |                |    |  |  |    |  |                |    |    |    |    |  |                |    |    |    |    |     |                |    |  |  |    |  |                |    |    |    |    |  |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |
| 09 30 410 0909                                                                                                        | 98                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |    | 98 |     |   |   |   |                |    |    |    |    |     |                |    |  |  |    |  |                |    |    |    |    |  |                |    |    |    |    |     |                |    |  |  |    |  |                |    |    |    |    |  |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |
| 09 30 410 0921                                                                                                        | 85                                                                                                       | 73                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 73 | 85 |     |   |   |   |                |    |    |    |    |     |                |    |  |  |    |  |                |    |    |    |    |  |                |    |    |    |    |     |                |    |  |  |    |  |                |    |    |    |    |  |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |
| 09 30 410 0951                                                                                                        | 82                                                                                                       | 68                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 68 | 82 | 4.5 |   |   |   |                |    |    |    |    |     |                |    |  |  |    |  |                |    |    |    |    |  |                |    |    |    |    |     |                |    |  |  |    |  |                |    |    |    |    |  |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |
| 09 30 410 0960                                                                                                        | 98                                                                                                       | 70                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 70 | 98 | 4.3 |   |   |   |                |    |    |    |    |     |                |    |  |  |    |  |                |    |    |    |    |  |                |    |    |    |    |     |                |    |  |  |    |  |                |    |    |    |    |  |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |
| 09 30 410 0970                                                                                                        | 92                                                                                                       | 77                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 77 | 92 | 4.3 |   |   |   |                |    |    |    |    |     |                |    |  |  |    |  |                |    |    |    |    |  |                |    |    |    |    |     |                |    |  |  |    |  |                |    |    |    |    |  |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |
| 09 30 410 0971                                                                                                        | 85                                                                                                       | 73                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 73 | 85 | 5.5 |   |   |   |                |    |    |    |    |     |                |    |  |  |    |  |                |    |    |    |    |  |                |    |    |    |    |     |                |    |  |  |    |  |                |    |    |    |    |  |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |
| 09 30 410 0974                                                                                                        | 92                                                                                                       | 70                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 70 | 92 | 4.3 |   |   |   |                |    |    |    |    |     |                |    |  |  |    |  |                |    |    |    |    |  |                |    |    |    |    |     |                |    |  |  |    |  |                |    |    |    |    |  |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |
| 09 30 410 0983                                                                                                        | 92                                                                                                       | 80                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 80 | 92 | 5.1 |   |   |   |                |    |    |    |    |     |                |    |  |  |    |  |                |    |    |    |    |  |                |    |    |    |    |     |                |    |  |  |    |  |                |    |    |    |    |  |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |
| 09 62 810 0901                                                                                                        | 82                                                                                                       | 68                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 68 | 82 | 4.5 |   |   |   |                |    |    |    |    |     |                |    |  |  |    |  |                |    |    |    |    |  |                |    |    |    |    |     |                |    |  |  |    |  |                |    |    |    |    |  |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |
| 09 62 810 0974                                                                                                        | 92                                                                                                       | 70                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 70 | 92 | 4.1 |   |   |   |                |    |    |    |    |     |                |    |  |  |    |  |                |    |    |    |    |  |                |    |    |    |    |     |                |    |  |  |    |  |                |    |    |    |    |  |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |

Hoods  
Housings

| Identification                                                | Part number         |                      | Drawing<br>Dimensions in mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |    |     |   |   |   |   |                |    |    |    |    |     |                |    |  |  |    |  |                |    |    |    |    |  |                |    |    |    |    |     |                |    |  |  |    |  |                |    |    |    |    |  |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |
|---------------------------------------------------------------|---------------------|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|-----|---|---|---|---|----------------|----|----|----|----|-----|----------------|----|--|--|----|--|----------------|----|----|----|----|--|----------------|----|----|----|----|-----|----------------|----|--|--|----|--|----------------|----|----|----|----|--|----------------|----|----|----|----|-----|----------------|----|----|----|----|-----|----------------|----|----|----|----|-----|----------------|----|----|----|----|-----|----------------|----|----|----|----|-----|----------------|----|----|----|----|-----|----------------|----|----|----|----|-----|----------------|----|----|----|----|-----|
|                                                               | Low<br>construction | High<br>construction |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |    |     |   |   |   |   |                |    |    |    |    |     |                |    |  |  |    |  |                |    |    |    |    |  |                |    |    |    |    |     |                |    |  |  |    |  |                |    |    |    |    |  |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |
| Han® B,<br>Dust protection cover,<br>plastic                  | 09 30 010 5406      | 09 30 010 5406       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |    |     |   |   |   |   |                |    |    |    |    |     |                |    |  |  |    |  |                |    |    |    |    |  |                |    |    |    |    |     |                |    |  |  |    |  |                |    |    |    |    |  |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |
| Han-Drive®,<br>EMC housings,<br>Han-Easy Lock®                | 09 62 810 0901      |                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |     |   |   |   |   |                |    |    |    |    |     |                |    |  |  |    |  |                |    |    |    |    |  |                |    |    |    |    |     |                |    |  |  |    |  |                |    |    |    |    |  |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |
| Han-Drive®,<br>EMC housings,<br>Han-Easy Lock®,<br>with cover | 09 62 810 0974      |                      | <table><tr><th></th><th>a</th><th>b</th><th>c</th><th>d</th><th>Ø</th></tr><tr><td>09 30 010 0901</td><td>82</td><td>68</td><td>68</td><td>82</td><td>4.5</td></tr><tr><td>09 30 010 0902</td><td>98</td><td></td><td></td><td>98</td><td></td></tr><tr><td>09 30 010 0961</td><td>82</td><td>70</td><td>70</td><td>82</td><td></td></tr><tr><td>09 30 410 0901</td><td>82</td><td>68</td><td>68</td><td>82</td><td>4.5</td></tr><tr><td>09 30 410 0909</td><td>98</td><td></td><td></td><td>98</td><td></td></tr><tr><td>09 30 410 0921</td><td>85</td><td>73</td><td>73</td><td>85</td><td></td></tr><tr><td>09 30 410 0951</td><td>82</td><td>68</td><td>68</td><td>82</td><td>4.5</td></tr><tr><td>09 30 410 0960</td><td>98</td><td>70</td><td>70</td><td>98</td><td>4.3</td></tr><tr><td>09 30 410 0970</td><td>92</td><td>77</td><td>77</td><td>92</td><td>4.3</td></tr><tr><td>09 30 410 0971</td><td>85</td><td>73</td><td>73</td><td>85</td><td>5.5</td></tr><tr><td>09 30 410 0974</td><td>92</td><td>70</td><td>70</td><td>92</td><td>4.3</td></tr><tr><td>09 30 410 0983</td><td>92</td><td>80</td><td>80</td><td>92</td><td>5.1</td></tr><tr><td>09 62 810 0901</td><td>82</td><td>68</td><td>68</td><td>82</td><td>4.5</td></tr><tr><td>09 62 810 0974</td><td>92</td><td>70</td><td>70</td><td>92</td><td>4.1</td></tr></table> |    | a   | b | c | d | Ø | 09 30 010 0901 | 82 | 68 | 68 | 82 | 4.5 | 09 30 010 0902 | 98 |  |  | 98 |  | 09 30 010 0961 | 82 | 70 | 70 | 82 |  | 09 30 410 0901 | 82 | 68 | 68 | 82 | 4.5 | 09 30 410 0909 | 98 |  |  | 98 |  | 09 30 410 0921 | 85 | 73 | 73 | 85 |  | 09 30 410 0951 | 82 | 68 | 68 | 82 | 4.5 | 09 30 410 0960 | 98 | 70 | 70 | 98 | 4.3 | 09 30 410 0970 | 92 | 77 | 77 | 92 | 4.3 | 09 30 410 0971 | 85 | 73 | 73 | 85 | 5.5 | 09 30 410 0974 | 92 | 70 | 70 | 92 | 4.3 | 09 30 410 0983 | 92 | 80 | 80 | 92 | 5.1 | 09 62 810 0901 | 82 | 68 | 68 | 82 | 4.5 | 09 62 810 0974 | 92 | 70 | 70 | 92 | 4.1 |
|                                                               | a                   | b                    | c                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | d  | Ø   |   |   |   |   |                |    |    |    |    |     |                |    |  |  |    |  |                |    |    |    |    |  |                |    |    |    |    |     |                |    |  |  |    |  |                |    |    |    |    |  |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |
| 09 30 010 0901                                                | 82                  | 68                   | 68                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 82 | 4.5 |   |   |   |   |                |    |    |    |    |     |                |    |  |  |    |  |                |    |    |    |    |  |                |    |    |    |    |     |                |    |  |  |    |  |                |    |    |    |    |  |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |
| 09 30 010 0902                                                | 98                  |                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 98 |     |   |   |   |   |                |    |    |    |    |     |                |    |  |  |    |  |                |    |    |    |    |  |                |    |    |    |    |     |                |    |  |  |    |  |                |    |    |    |    |  |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |
| 09 30 010 0961                                                | 82                  | 70                   | 70                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 82 |     |   |   |   |   |                |    |    |    |    |     |                |    |  |  |    |  |                |    |    |    |    |  |                |    |    |    |    |     |                |    |  |  |    |  |                |    |    |    |    |  |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |
| 09 30 410 0901                                                | 82                  | 68                   | 68                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 82 | 4.5 |   |   |   |   |                |    |    |    |    |     |                |    |  |  |    |  |                |    |    |    |    |  |                |    |    |    |    |     |                |    |  |  |    |  |                |    |    |    |    |  |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |
| 09 30 410 0909                                                | 98                  |                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 98 |     |   |   |   |   |                |    |    |    |    |     |                |    |  |  |    |  |                |    |    |    |    |  |                |    |    |    |    |     |                |    |  |  |    |  |                |    |    |    |    |  |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |
| 09 30 410 0921                                                | 85                  | 73                   | 73                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 85 |     |   |   |   |   |                |    |    |    |    |     |                |    |  |  |    |  |                |    |    |    |    |  |                |    |    |    |    |     |                |    |  |  |    |  |                |    |    |    |    |  |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |
| 09 30 410 0951                                                | 82                  | 68                   | 68                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 82 | 4.5 |   |   |   |   |                |    |    |    |    |     |                |    |  |  |    |  |                |    |    |    |    |  |                |    |    |    |    |     |                |    |  |  |    |  |                |    |    |    |    |  |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |
| 09 30 410 0960                                                | 98                  | 70                   | 70                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 98 | 4.3 |   |   |   |   |                |    |    |    |    |     |                |    |  |  |    |  |                |    |    |    |    |  |                |    |    |    |    |     |                |    |  |  |    |  |                |    |    |    |    |  |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |
| 09 30 410 0970                                                | 92                  | 77                   | 77                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 92 | 4.3 |   |   |   |   |                |    |    |    |    |     |                |    |  |  |    |  |                |    |    |    |    |  |                |    |    |    |    |     |                |    |  |  |    |  |                |    |    |    |    |  |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |
| 09 30 410 0971                                                | 85                  | 73                   | 73                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 85 | 5.5 |   |   |   |   |                |    |    |    |    |     |                |    |  |  |    |  |                |    |    |    |    |  |                |    |    |    |    |     |                |    |  |  |    |  |                |    |    |    |    |  |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |
| 09 30 410 0974                                                | 92                  | 70                   | 70                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 92 | 4.3 |   |   |   |   |                |    |    |    |    |     |                |    |  |  |    |  |                |    |    |    |    |  |                |    |    |    |    |     |                |    |  |  |    |  |                |    |    |    |    |  |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |
| 09 30 410 0983                                                | 92                  | 80                   | 80                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 92 | 5.1 |   |   |   |   |                |    |    |    |    |     |                |    |  |  |    |  |                |    |    |    |    |  |                |    |    |    |    |     |                |    |  |  |    |  |                |    |    |    |    |  |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |
| 09 62 810 0901                                                | 82                  | 68                   | 68                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 82 | 4.5 |   |   |   |   |                |    |    |    |    |     |                |    |  |  |    |  |                |    |    |    |    |  |                |    |    |    |    |     |                |    |  |  |    |  |                |    |    |    |    |  |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |
| 09 62 810 0974                                                | 92                  | 70                   | 70                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 92 | 4.1 |   |   |   |   |                |    |    |    |    |     |                |    |  |  |    |  |                |    |    |    |    |  |                |    |    |    |    |     |                |    |  |  |    |  |                |    |    |    |    |  |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |                |    |    |    |    |     |

## Features

- Hoods/Housings for higher environmental requirements

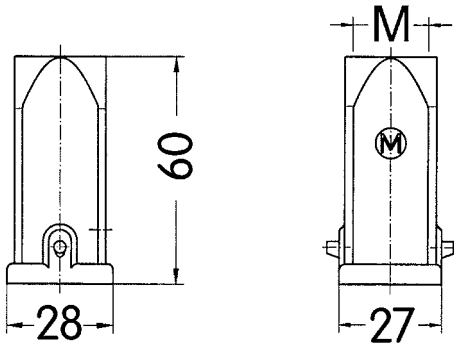
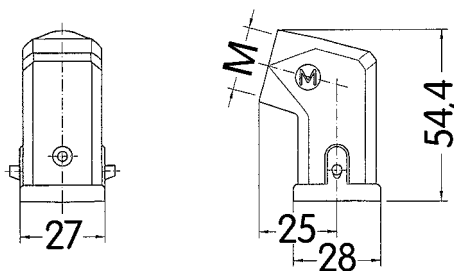
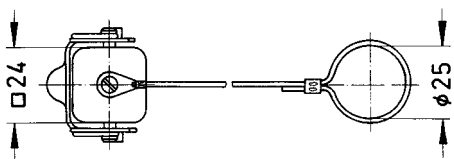
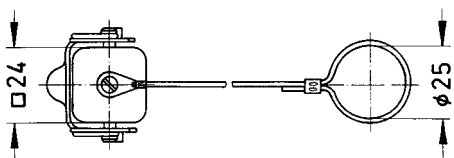
## Technical characteristics

|                                        |                      |
|----------------------------------------|----------------------|
| Limiting temperatures                  | -40 °C ... 125 °C    |
| Protection class acc. to UL 50         | NEMA type 4/4X/12    |
| Degree of protection acc. to IEC 60529 | IP65 / IP67          |
| Corrosion resistance                   | ASTM B117-09 (500 h) |
| Material (hoods/housings)              | zinc die-cast        |
| Surface (hoods/housings)               | powder-coated        |
| Colour (hoods/housings)                | RAL 9005 (black)     |
| Material (locking lever)               | stainless steel      |
| Material (seal)                        | FPM                  |

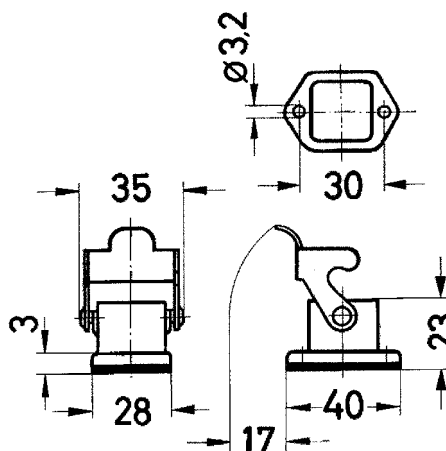
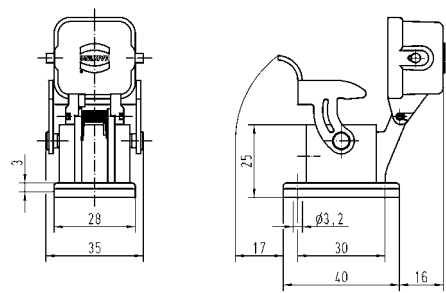
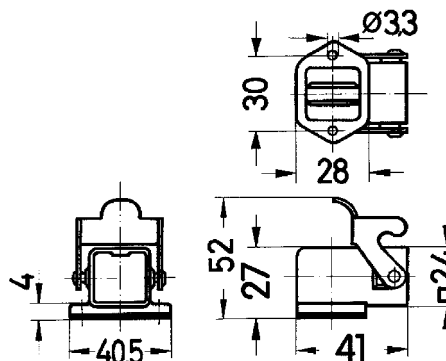
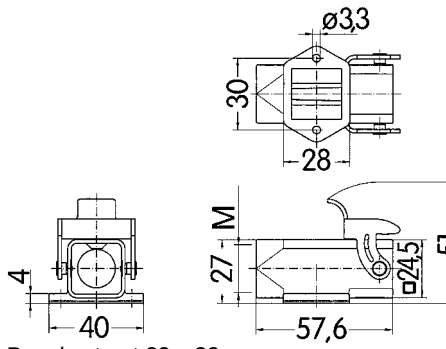
## Specifications and approvals

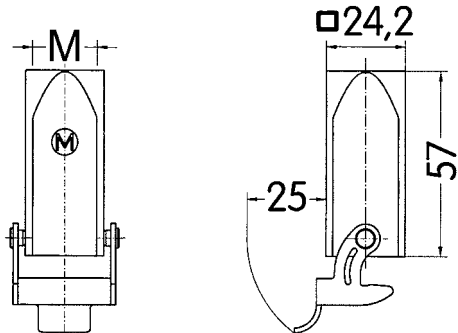
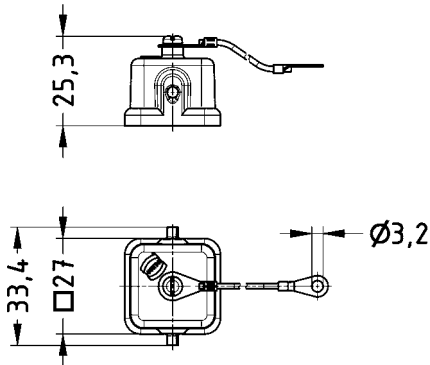
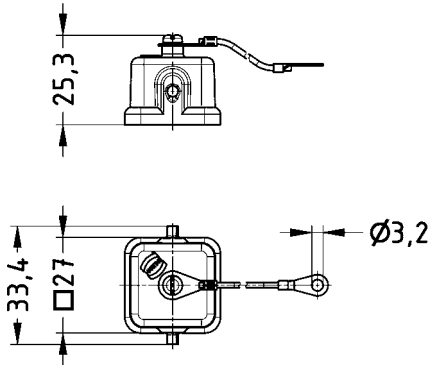
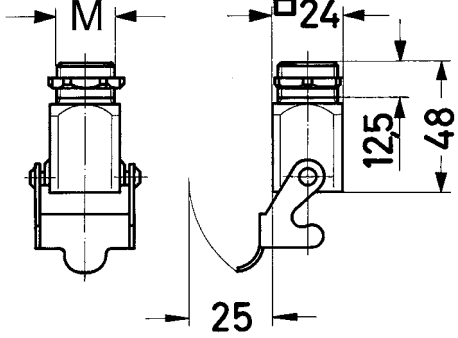


Hoods/Housings for higher environmental requirements  
double locking lever

| Identification                                                                                                                                                                               | Cable entry | Part number    | Drawing<br>Dimensions in mm                                                           |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|----------------|---------------------------------------------------------------------------------------|
| <p>Han® M,<br/>Hoods,<br/>top entry</p>                                                                     | 1xM20       | 19 37 003 1440 |    |
| <p>Han® M,<br/>Hoods,<br/>side entry</p>                                                                  | 1xM20       | 19 37 003 1640 |  |
| <p>Han® M,<br/>Protection cover for hoods,<br/>metal,<br/>for female inserts,<br/>with securing flex</p>  |             | 09 37 003 5401 |  |
| <p>Han® M,<br/>Protection cover for hoods,<br/>metal,<br/>for male inserts,<br/>with securing flex</p>    |             | 09 37 003 5402 |  |

Hoods  
Housings

| Identification                                                                                                                                      | Cable entry | Part number    | Drawing<br>Dimensions in mm                                                                                           |
|-----------------------------------------------------------------------------------------------------------------------------------------------------|-------------|----------------|-----------------------------------------------------------------------------------------------------------------------|
| Han® M,<br>Bulkhead mounted housings,<br>straight                  |             | 09 37 003 0301 |  <p>Panel cut out 22 x 22 mm</p>   |
| Han® M,<br>Bulkhead mounted housings,<br>straight,<br>with cover  |             | 09 37 003 0305 |  <p>Panel cut out 22 x 22 mm</p>  |
| Han® M,<br>Bulkhead mounted housings,<br>angled                  |             | 09 37 003 0801 |  <p>Panel cut out 22 x 22 mm</p> |
| Han® M,<br>Surface mounted housings,<br>top entry                | 1xM20       | 19 37 003 1250 |  <p>Panel cut out 22 x 22 mm</p> |

| Identification                                                                                                                                                                                | Cable entry | Part number    | Drawing<br>Dimensions in mm                                                           |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|----------------|---------------------------------------------------------------------------------------|
| Han® M,<br>Cable to cable housings,<br>top entry<br>                                                         | 1xM20       | 19 37 003 1750 |    |
| Han® M,<br>Protection cover for housings,<br>for mounted female insert,<br>metal,<br>with securing flex<br> |             | 09 37 003 5405 |   |
| Han® M,<br>Protection cover for housings,<br>for mounted male insert,<br>metal,<br>with securing flex<br>  |             | 09 37 003 5406 |  |
| Han® M,<br>Screw mounted housings,<br>top entry<br>                                                        | 1xM20       | 19 37 003 1150 |  |

## Features

- Hoods/Housings for higher environmental requirements

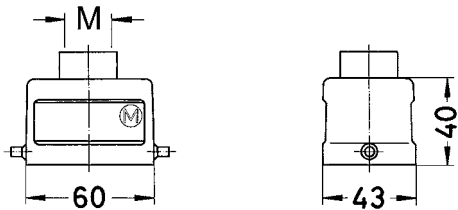
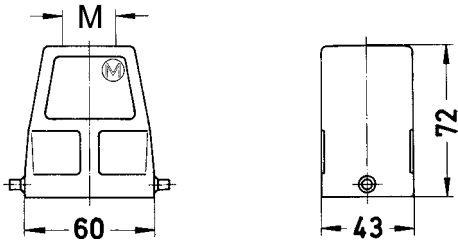
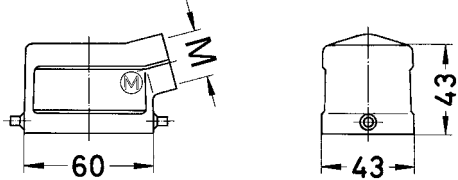
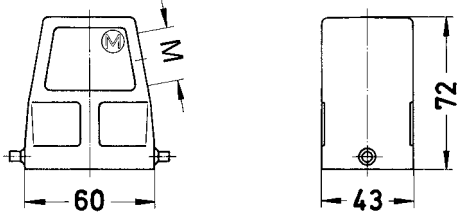
## Technical characteristics

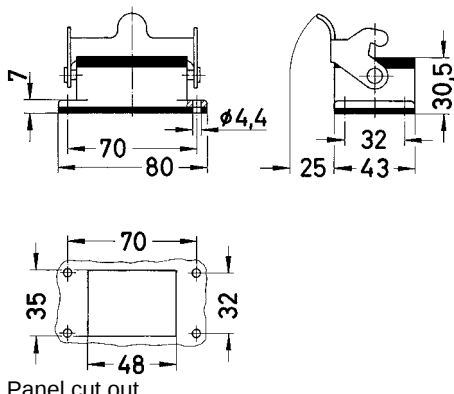
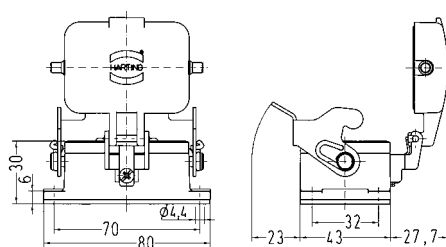
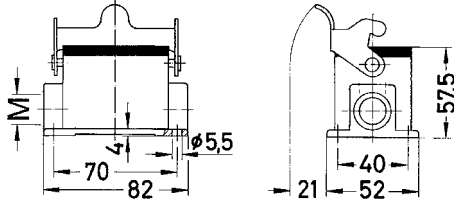
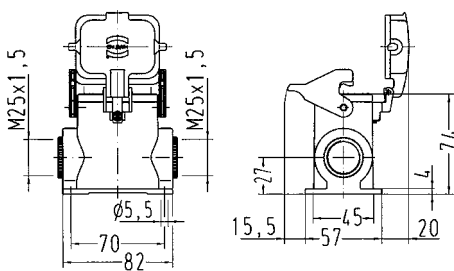
|                                            |                                                                 |
|--------------------------------------------|-----------------------------------------------------------------|
| Limiting temperatures                      | -40 °C ... 125 °C                                               |
| Flammability (locking lever) acc. to UL 94 | V 0                                                             |
| Protection class acc. to UL 50             | NEMA type 4/4X/12                                               |
| Degree of protection acc. to IEC 60529     | IP65                                                            |
| Corrosion resistance                       | ASTM B117-09 (500 h)                                            |
| Material (hoods/housings)                  | aluminium                                                       |
| Surface (hoods/housings)                   | powder-coated                                                   |
| Colour (hoods/housings)                    | RAL 9005 (black)                                                |
| Material (locking lever)                   | stainless steel, polycarbonate, polycarbonate + stainless steel |
| Material (seal)                            | FPM                                                             |

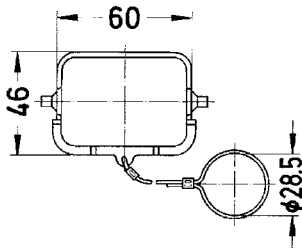
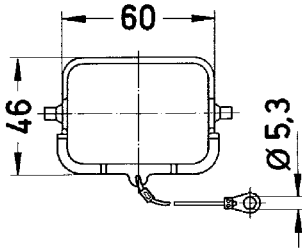
## Specifications and approvals



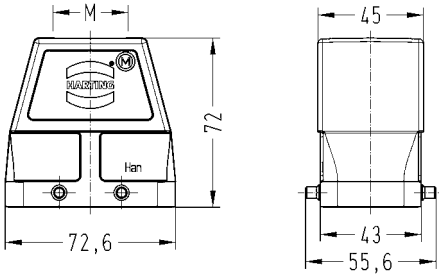
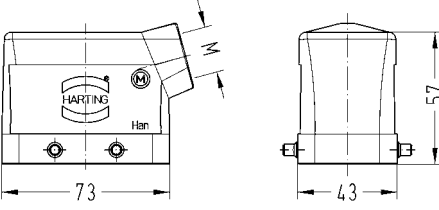
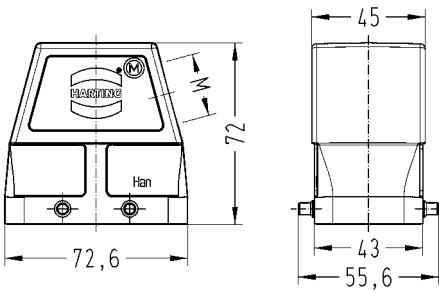
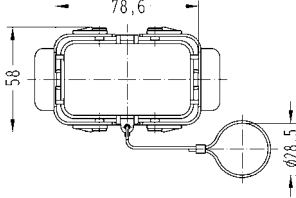
single locking lever

| Identification                                                                                                         | Cable entry    | Part number         |                                  | Drawing<br>Dimensions in mm                                                                                                                                                                                                                                      |  |
|------------------------------------------------------------------------------------------------------------------------|----------------|---------------------|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
|                                                                                                                        |                | Low<br>construction | High<br>construction             |                                                                                                                                                                                                                                                                  |  |
| Han® M,<br>Hoods,<br>top entry<br>    | 1xM20<br>1xM25 | 19 37 006 1440      | 19 37 006 0445<br>19 37 006 0446 |                                                                                                                                                                               |  |
| Han® M,<br>Hoods,<br>side entry<br> | 1xM20<br>1xM25 | 19 37 006 1540      | 19 37 006 0545<br>19 37 006 0546 |    |  |

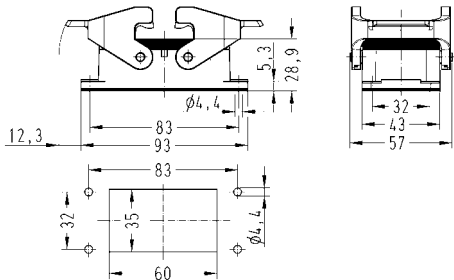
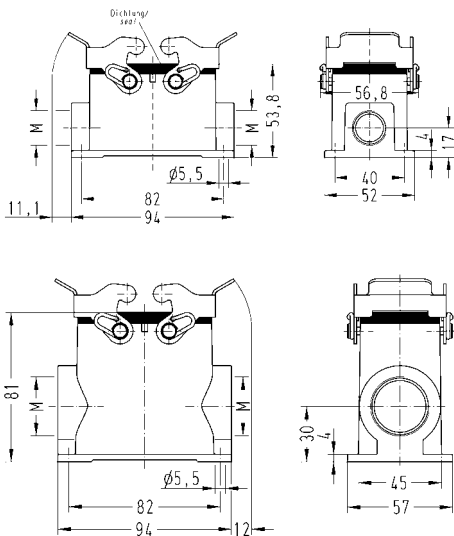
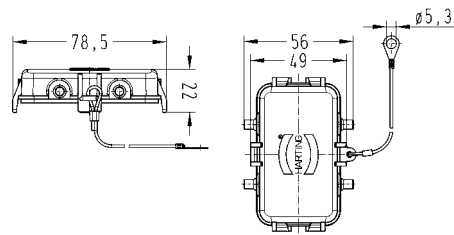
| Identification                                                                                                                                                          | Cable entry | Part number         |                      | Drawing<br>Dimensions in mm                                                                              |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|---------------------|----------------------|----------------------------------------------------------------------------------------------------------|
|                                                                                                                                                                         |             | Low<br>construction | High<br>construction |                                                                                                          |
| Han® M,<br>Bulkhead mounted housings<br>                                               |             | 09 37 006 0301      |                      |  <p>Panel cut out</p> |
| Han® M,<br>Bulkhead mounted housings,<br>with metal cover<br>                         |             | 09 37 006 0318      |                      |                      |
| Han® M,<br>Surface mounted housings,<br>side entry<br>                               | 2xM20       | 19 37 006 1290      |                      |                     |
| Han® M,<br>Surface mounted housings,<br>side entry,<br>with thermo-plastic cover<br> | 2xM25       |                     | 19 37 006 0296       |                     |

| Identification                                                                                                                                    | Cable entry | Part number                      |                                  | Drawing<br>Dimensions in mm                                                                                                                                                |
|---------------------------------------------------------------------------------------------------------------------------------------------------|-------------|----------------------------------|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                                                                   |             | Low<br>construction              | High<br>construction             |                                                                                                                                                                            |
| Han® M,<br>Protection cover,<br>metal,<br>with securing flex<br> |             | 09 37 006 5407<br>09 37 006 5405 | 09 37 006 5407<br>09 37 006 5405 | <br> |

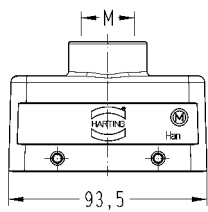
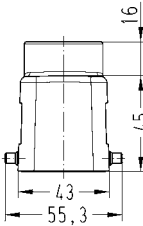
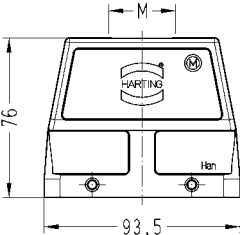
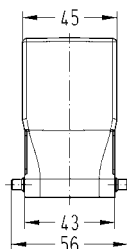
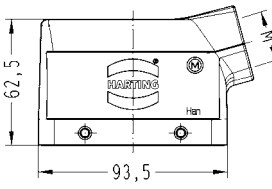
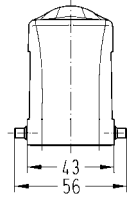
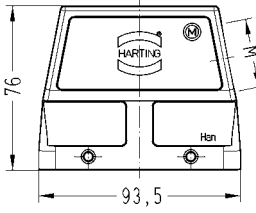
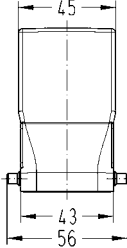
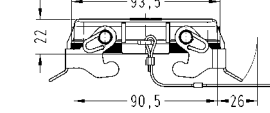
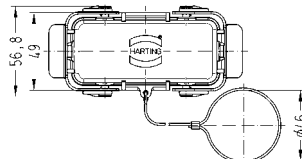
double locking lever

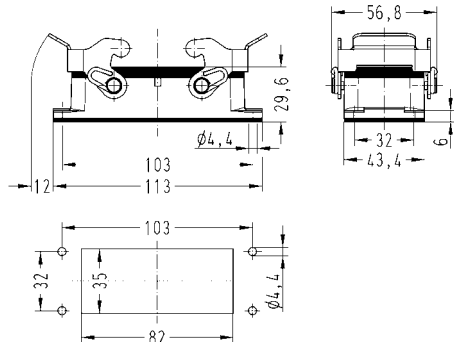
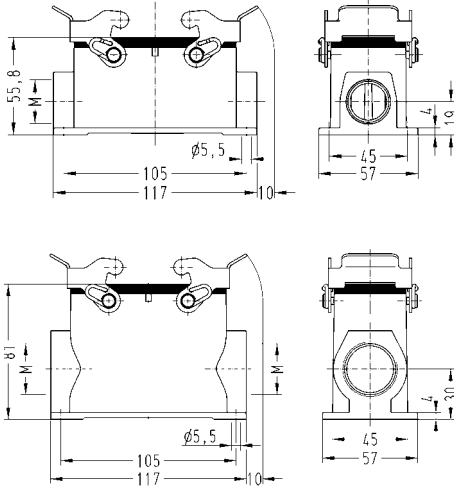
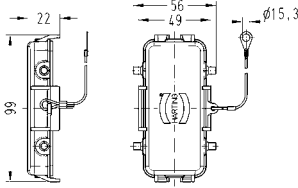
| Identification                                                                                                                                                | Cable entry                      | Part number         |                                                    | Drawing<br>Dimensions in mm                                                                                                                                                   |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|---------------------|----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                                                                               |                                  | Low<br>construction | High<br>construction                               |                                                                                                                                                                               |
| Han® M,<br>Hoods,<br>top entry<br>                                           | 1xM20<br>1xM25<br>1xM32<br>2xM20 | 19 37 010 1420      | 19 37 010 0426<br>19 37 010 0427<br>19 37 010 0465 |                                                                                            |
| Han® M,<br>Hoods,<br>side entry<br>                                        | 1xM20<br>1xM25<br>1xM32<br>1xM40 | 19 37 010 1520      | 19 37 010 0526<br>19 37 010 0527<br>19 37 010 0528 | <br> |
| Han® M,<br>Protection cover for hoods,<br>metal,<br>with securing flex<br> |                                  | 09 37 010 5403      | 09 37 010 5403                                     |                                                                                          |

Hoods  
Housings

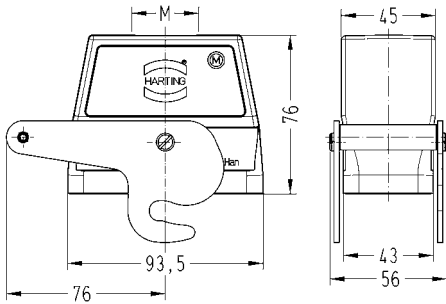
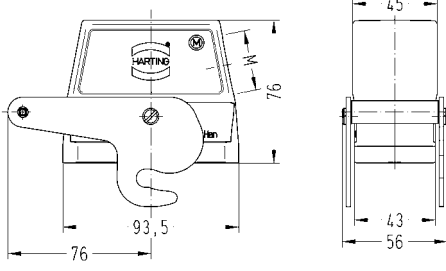
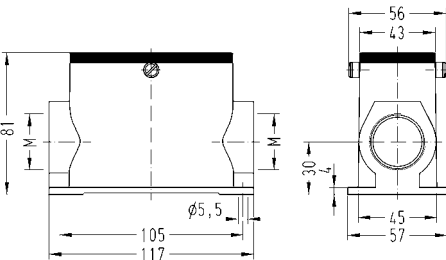
| Identification                                                                                                                                      | Cable entry             | Part number         |                                  | Drawing<br>Dimensions in mm                                                                              |
|-----------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|---------------------|----------------------------------|----------------------------------------------------------------------------------------------------------|
|                                                                                                                                                     |                         | Low<br>construction | High<br>construction             |                                                                                                          |
| Han® M,<br>Bulkhead mounted housings<br>                           |                         | 09 37 010 0301      |                                  |  <p>Panel cut out</p> |
| Han® M,<br>Surface mounted housings,<br>side entry<br>             | 2xM20<br>2xM25<br>2xM32 | 19 37 010 1270      | 19 37 010 0296<br>19 37 010 0272 |                      |
| Han® M,<br>Protection cover,<br>metal,<br>with securing flex<br> |                         | 09 37 010 5405      | 09 37 010 5405                   |                     |

double locking lever

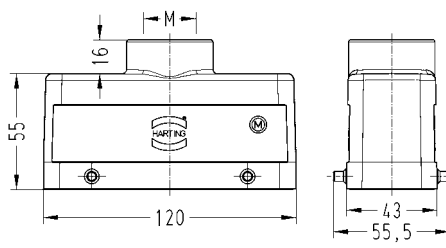
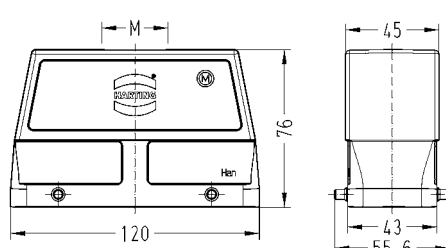
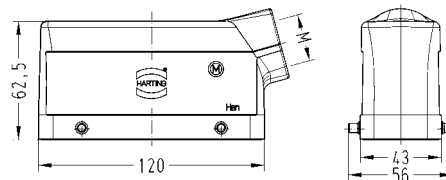
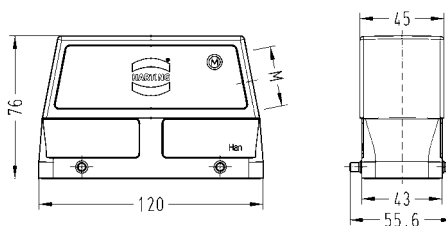
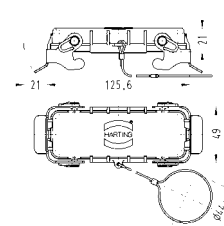
| Identification                                                                                                                                                | Cable entry             | Part number         |                                  | Drawing<br>Dimensions in mm                                                                                                                                                                                                                                                                                                                             |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|---------------------|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                                                                               |                         | Low<br>construction | High<br>construction             |                                                                                                                                                                                                                                                                                                                                                         |
| Han® M,<br>Hoods,<br>top entry<br>                                           | 1xM25<br>1xM32          | 19 37 016 1421      | 19 37 016 0427                   |           |
| Han® M,<br>Hoods,<br>side entry<br>                                        | 1xM25<br>1xM32<br>1xM40 | 19 37 016 1521      | 19 37 016 0527<br>19 37 016 0528 |     |
| Han® M,<br>Protection cover for hoods,<br>metal,<br>with securing flex<br> |                         | 09 37 016 5402      | 09 37 016 5402                   |                                                                                                                                                                               |

| Identification                                                                                                                                        | Cable entry             | Part number         |                                  | Drawing<br>Dimensions in mm                                                                              |
|-------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|---------------------|----------------------------------|----------------------------------------------------------------------------------------------------------|
|                                                                                                                                                       |                         | Low<br>construction | High<br>construction             |                                                                                                          |
| Han® M,<br>Bulkhead mounted housings<br>                             |                         | 09 37 016 0301      |                                  |  <p>Panel cut out</p> |
| Han® M,<br>Surface mounted housings,<br>side entry<br>              | 1xM25<br>2xM32<br>2xM40 | 19 37 016 1231      | 19 37 016 0272<br>19 37 016 0273 |                      |
| Han® M,<br>Cover for housings,<br>metal,<br>with securing flex<br> |                         | 09 37 016 5405      | 09 37 016 5405                   |                     |

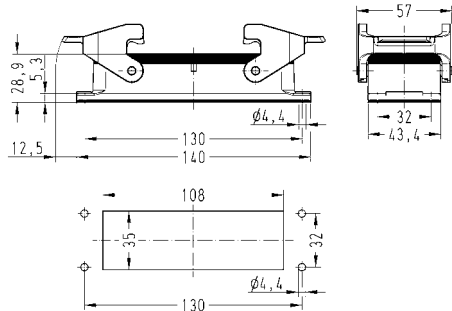
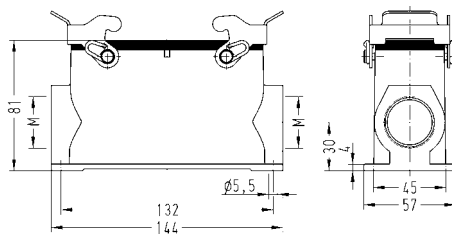
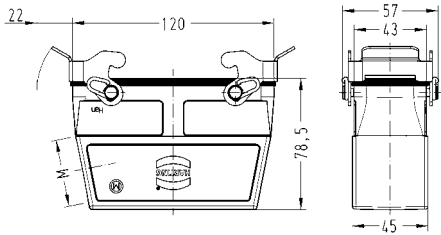
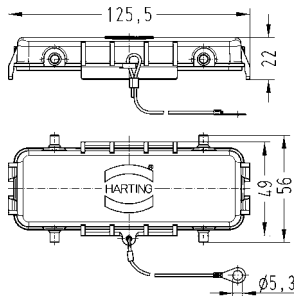
central locking lever

| Identification                                                                                                                         | Cable entry | Part number    | Drawing<br>Dimensions in mm                                                           |
|----------------------------------------------------------------------------------------------------------------------------------------|-------------|----------------|---------------------------------------------------------------------------------------|
| Han® M,<br>Hoods,<br>top entry                        | 1xM32       | 19 37 016 0487 |    |
| Han® M,<br>Hoods,<br>side entry                     | 1xM32       | 19 37 016 0587 |   |
| Han® M,<br>Surface mounted housings,<br>side entry  | 2xM32       | 19 37 016 0282 |  |

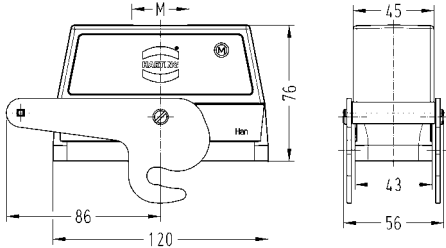
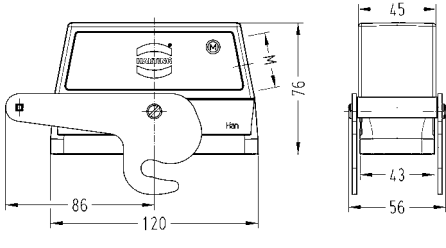
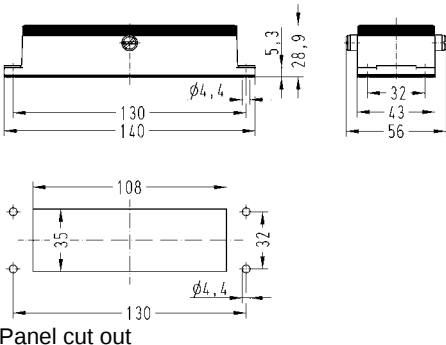
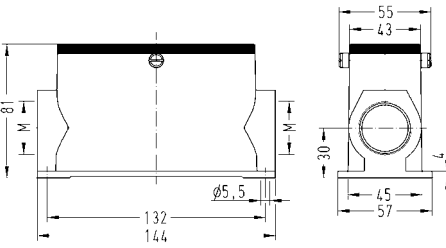
double locking lever

| Identification                                                                                                                             | Cable entry             | Part number         |                                  | Drawing<br>Dimensions in mm                                                                                                                                                    |
|--------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|---------------------|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                                                            |                         | Low<br>construction | High<br>construction             |                                                                                                                                                                                |
| Han® M,<br>Hoods,<br>top entry<br><br>                    | 1xM25<br>1xM32<br>1xM40 | 19 37 024 1421      | 19 37 024 0427<br>19 37 024 0428 | <br>    |
| Han® M,<br>Hoods,<br>side entry<br><br>                 | 1xM25<br>1xM32<br>1xM40 | 19 37 024 1521      | 19 37 024 0527<br>19 37 024 0528 | <br> |
| Han® M,<br>Protection cover for hoods,<br>metal<br><br> |                         | 09 37 024 5402      | 09 37 024 5402                   |                                                                                           |

Hoods  
Housings

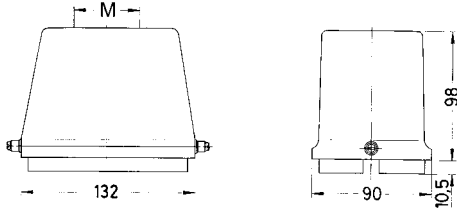
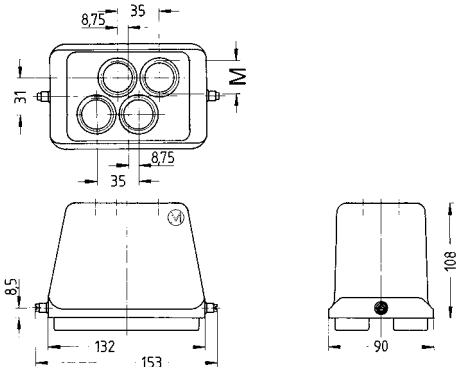
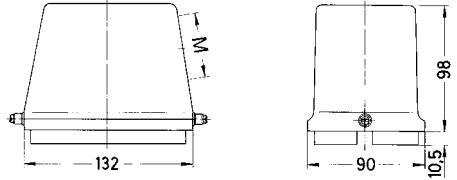
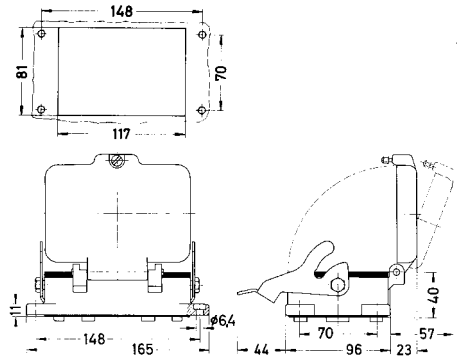
| Identification                                                                                                                                                   | Cable entry | Part number      |                   | Drawing<br>Dimensions in mm                                                                              |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|------------------|-------------------|----------------------------------------------------------------------------------------------------------|
|                                                                                                                                                                  |             | Low construction | High construction |                                                                                                          |
| Han® M,<br>Bulkhead mounted housings<br>                                        |             | 09 37 024 0301   |                   |  <p>Panel cut out</p> |
| Han® M,<br>Surface mounted housings,<br>side entry<br>                          | 2xM32       |                  | 19 37 024 0272    |                       |
| Han® M,<br>Cable to cable housings,<br>side entry<br>                         | 1xM40       |                  | 19 37 024 0733    |                     |
| Han® M,<br>Protection cover for housings,<br>metal,<br>with securing flex<br> |             | 09 37 024 5405   | 09 37 024 5405    |                     |

central locking lever

| Identification                                                                                                                                | Cable entry | Part number         |                      | Drawing<br>Dimensions in mm                                                                                |
|-----------------------------------------------------------------------------------------------------------------------------------------------|-------------|---------------------|----------------------|------------------------------------------------------------------------------------------------------------|
|                                                                                                                                               |             | Low<br>construction | High<br>construction |                                                                                                            |
| Han® M,<br>Hoods,<br>top entry<br><br>                       | 1xM32       |                     | 19 37 024 0487       |                         |
| Han® M,<br>Hoods,<br>side entry<br><br>                    | 1xM32       |                     | 19 37 024 0587       |                        |
| Han® M,<br>Bulkhead mounted housings<br><br>               |             | 09 37 024 0381      |                      |  <p>Panel cut out</p> |
| Han® M,<br>Surface mounted housings,<br>side entry<br><br> | 2xM32       |                     | 19 37 024 0282       |                       |

Hoods  
Housings

single locking lever

| Identification                                                                                                              | Cable entry             | Part number         |                                                    | Drawing<br>Dimensions in mm                                                                                                                                              |
|-----------------------------------------------------------------------------------------------------------------------------|-------------------------|---------------------|----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                                             |                         | Low<br>construction | High<br>construction                               |                                                                                                                                                                          |
| Han® M,<br>Hoods,<br>top entry<br>         | 1xM40<br>1xM50<br>4xM25 |                     | 19 37 048 0448<br>19 37 048 0449<br>19 37 048 0401 |   |
| Han® M,<br>Hoods,<br>side entry<br>      | 1xM40                   |                     | 19 37 048 0548                                     |                                                                                     |
| Han® M,<br>Bulkhead mounted housings<br> |                         | 09 37 048 0301      |                                                    |                                                                                     |

## Features

- Hoods/Housings for higher EMC requirements
- Excellent shield transitions and a low transfer impedance
- **Field of application:** For sensitive interconnections that have to be shielded against electrical, magnetic or electro-magnetic interferences
- Distinguishing feature: Electrically conductive surface, internal seal

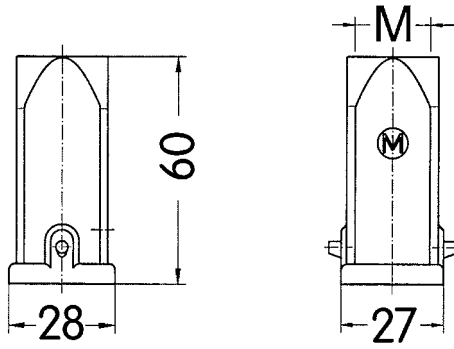
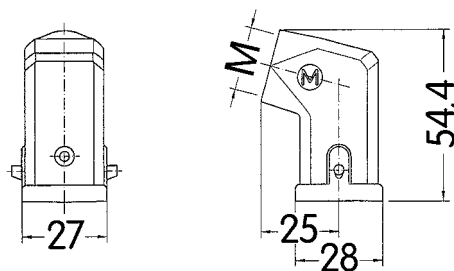
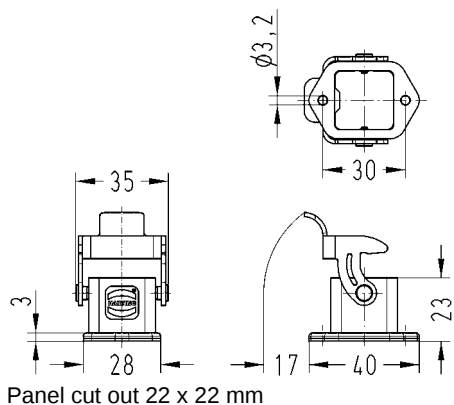
## Technical characteristics

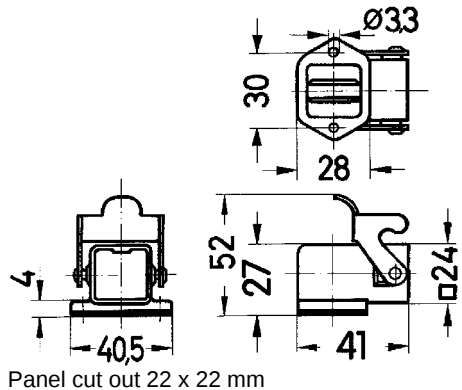
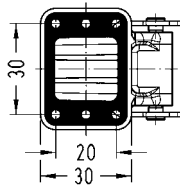
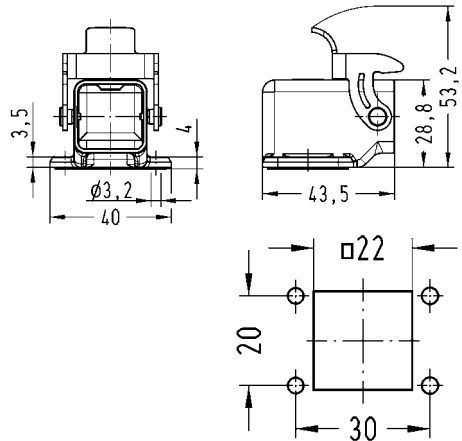
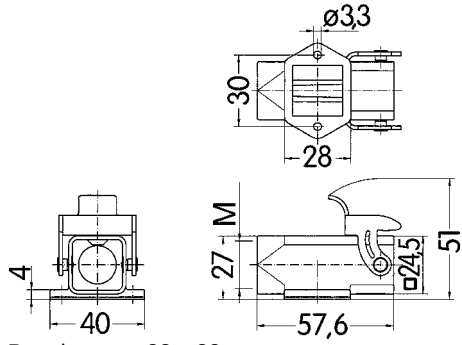
|                                        |                                                        |
|----------------------------------------|--------------------------------------------------------|
| Limiting temperatures                  | -40 °C ... 125 °C                                      |
| Protection class acc. to UL 50         | NEMA type 4/4X/12                                      |
| Degree of protection acc. to IEC 60529 | IP44 / IP67 is achieved with seal screw 09 20 000 9918 |
| Material (hoods/housings)              | zinc die-cast                                          |
| Surface (hoods/housings)               | electrical conductive                                  |
| Material (locking lever)               | steel, zinc-plated                                     |
| Material (seal)                        | NBR                                                    |

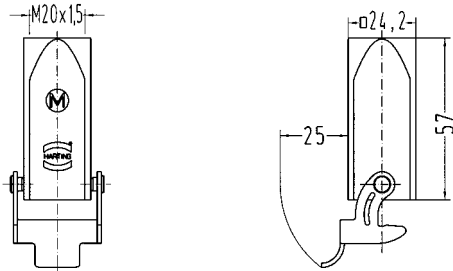
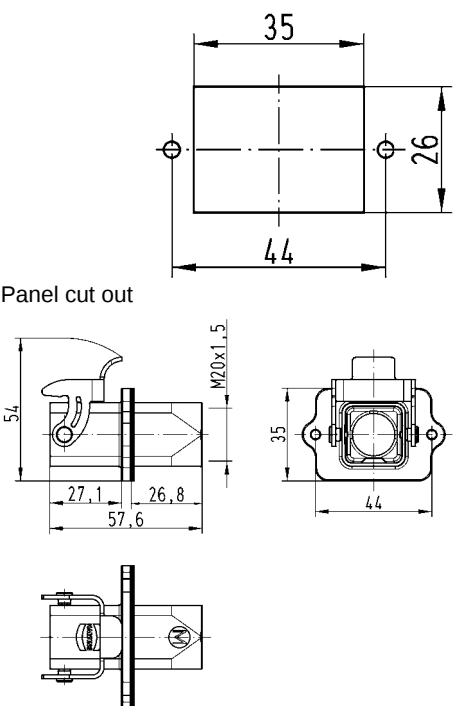
## Specifications and approvals



Hoods/Housings for higher EMC requirements  
double locking lever

| Identification                                                                                                                          | Cable entry | Part number    | Drawing<br>Dimensions in mm                                                                                           |
|-----------------------------------------------------------------------------------------------------------------------------------------|-------------|----------------|-----------------------------------------------------------------------------------------------------------------------|
| Han® EMV,<br>Hoods,<br>top entry                       | 1xM20       | 19 62 003 1440 |                                    |
| Han® EMV,<br>Hoods,<br>side entry                    | 1xM20       | 19 62 003 1640 |                                  |
| Han® EMV,<br>Bulkhead mounted housings,<br>straight  |             | 09 62 003 0301 |  <p>Panel cut out 22 x 22 mm</p> |

| Identification                                                                                                                          | Cable entry | Part number                      | Drawing<br>Dimensions in mm                                                                                                                                                                                                                                                                                                  |
|-----------------------------------------------------------------------------------------------------------------------------------------|-------------|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Han® EMV,<br>Bulkhead mounted housings,<br>angled      |             | 09 62 003 0801<br>09 62 003 0810 |  <p>Panel cut out 22 x 22 mm</p>   <p>Panel cut out 22 x 22 mm</p> |
| Han® EMV,<br>Surface mounted housings,<br>top entry  | 1xM20       | 19 62 003 1250                   |  <p>Panel cut out 22 x 22 mm</p>                                                                                                                                                                                                        |

| Identification                                                                                                                              | Cable entry | Part number    | Drawing<br>Dimensions in mm                                                                               |
|---------------------------------------------------------------------------------------------------------------------------------------------|-------------|----------------|-----------------------------------------------------------------------------------------------------------|
| Han® EMV,<br>Cable to cable housings,<br>top entry<br>     | 1xM20       | 19 62 003 1750 |                        |
| Han® EMV,<br>Panel feed through housings,<br>top entry<br> | 1xM20       | 19 62 003 1120 |  <p>Panel cut out</p> |
| Han® EMV,<br>Screw mounted housings,<br>top entry<br>    | 1xM20       | 19 62 003 1150 |                                                                                                           |

## Features

- Hoods/Housings for higher EMC requirements
- Excellent shield transitions and a low transfer impedance
- **Field of application:** For sensitive interconnections that have to be shielded against electrical, magnetic or electro-magnetic interferences
- Distinguishing feature: Electrically conductive surface, internal seal

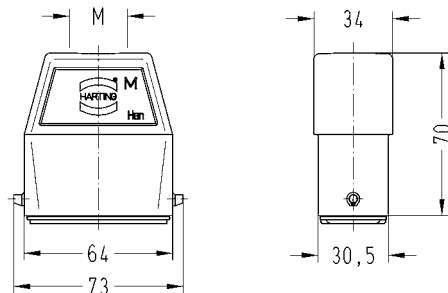
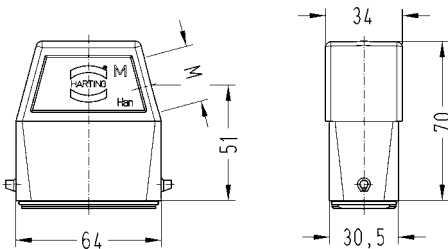
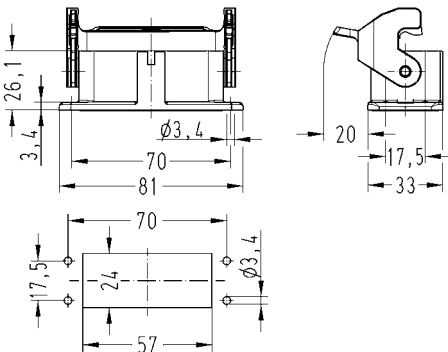
## Technical characteristics

|                                            |                                                  |
|--------------------------------------------|--------------------------------------------------|
| Limiting temperatures                      | -40 °C ... 125 °C                                |
| Flammability (locking lever) acc. to UL 94 | V 0                                              |
| Protection class acc. to UL 50             | NEMA type 4/4X/12                                |
| Degree of protection acc. to IEC 60529     | IP65                                             |
| Material (hoods/housings)                  | aluminium                                        |
| Surface (hoods/housings)                   | unpainted                                        |
| Material (locking lever)                   | polycarbonate + stainless steel, stainless steel |
| Material (seal)                            | NBR                                              |

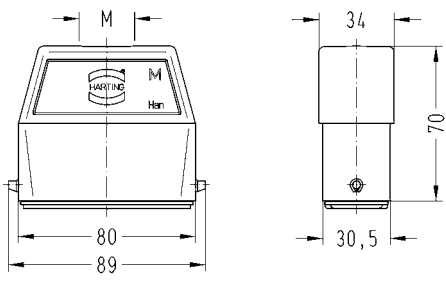
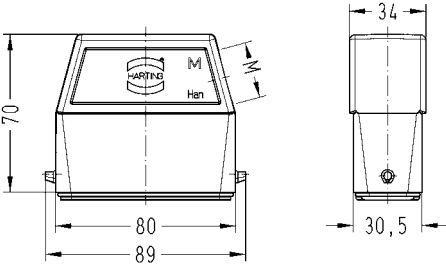
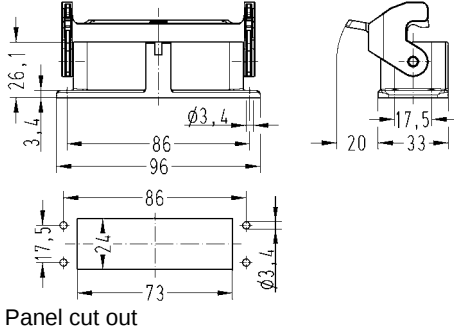
## Specifications and approvals



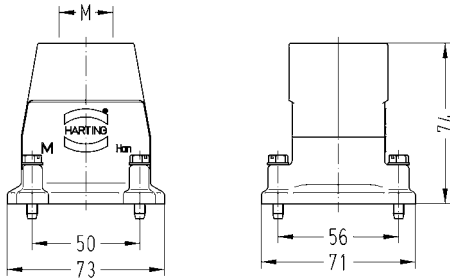
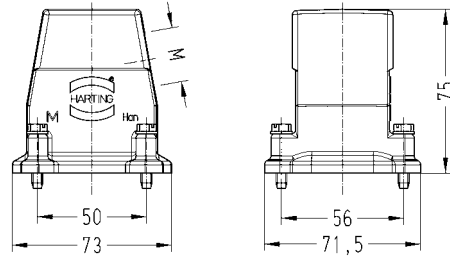
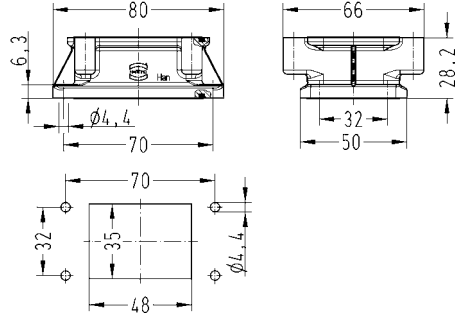
Hoods/Housings for higher EMC requirements  
single locking lever

| Identification                                                                                                                                | Cable entry | Part number    | Drawing<br>Dimensions in mm                                                                                |
|-----------------------------------------------------------------------------------------------------------------------------------------------|-------------|----------------|------------------------------------------------------------------------------------------------------------|
| Han® EMV,<br>Hoods,<br>top entry                             | 1xM25       | 19 62 015 0446 |                         |
| Han® EMV,<br>Hoods,<br>side entry                          | 1xM25       | 19 62 015 0546 |                        |
| Han® EMV,<br>Bulkhead mounted housings,<br>Han-Easy Lock®  |             | 09 62 015 0301 |  <p>Panel cut out</p> |

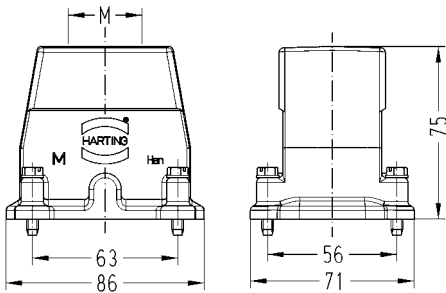
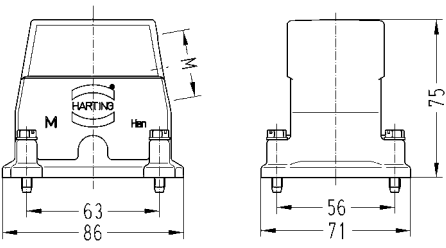
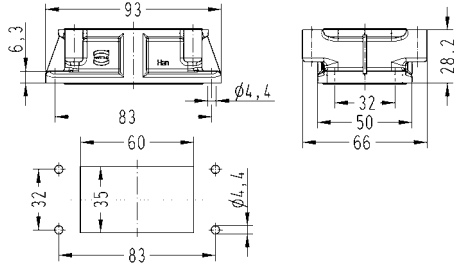
Hoods/Housings for higher EMC requirements  
single locking lever

| Identification                                                                                                                                       | Cable entry | Part number    | Drawing<br>Dimensions in mm                                                                                |
|------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|----------------|------------------------------------------------------------------------------------------------------------|
| Han® EMV,<br>Hoods,<br>top entry<br><br>                            | 1xM25       | 19 62 025 0446 |                         |
| Han® EMV,<br>Hoods,<br>side entry<br><br>                         | 1xM25       | 19 62 025 0546 |                        |
| Han® EMV,<br>Bulkhead mounted housings,<br>Han-Easy Lock®<br><br> |             | 09 62 025 0301 |  <p>Panel cut out</p> |

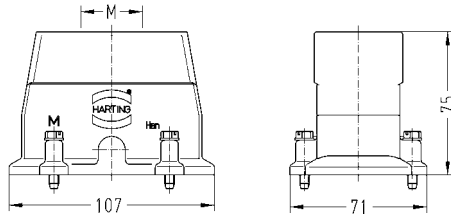
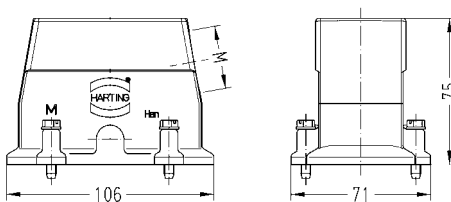
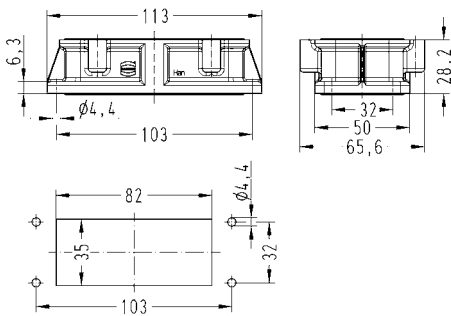
Hoods/Housings for higher EMC requirements

| Identification                                                                                                                               | Cable entry    | Part number                      | Drawing<br>Dimensions in mm                                                                                |
|----------------------------------------------------------------------------------------------------------------------------------------------|----------------|----------------------------------|------------------------------------------------------------------------------------------------------------|
| Han® EMV,<br>Hoods,<br>top entry,<br>screw locking          | 1xM25<br>1xM32 | 19 62 006 0441<br>19 62 006 0442 |                         |
| Han® EMV,<br>Hoods,<br>side entry,<br>screw locking       | 1xM25          | 19 62 006 0541                   |                        |
| Han® EMV,<br>Bulkhead mounted housings,<br>screw locking  |                | 09 62 006 0301                   |  <p>Panel cut out</p> |

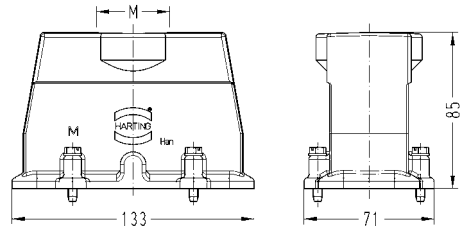
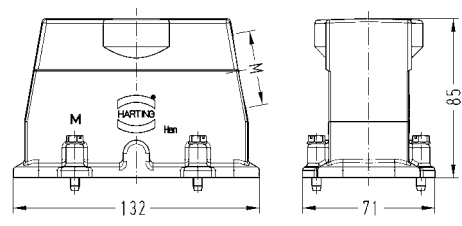
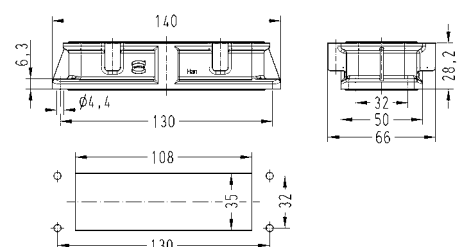
Hoods/Housings for higher EMC requirements

| Identification                                                                                                                                      | Cable entry    | Part number                      | Drawing<br>Dimensions in mm                                                                            |
|-----------------------------------------------------------------------------------------------------------------------------------------------------|----------------|----------------------------------|--------------------------------------------------------------------------------------------------------|
| Han® EMV,<br>Hoods,<br>top entry,<br>screw locking<br><br>         | 1xM32          | 19 62 010 0442                   |                     |
| Han® EMV,<br>Hoods,<br>side entry,<br>screw locking<br><br>      | 1xM32<br>1xM40 | 19 62 010 0542<br>19 62 010 0543 |                    |
| Han® EMV,<br>Bulkhead mounted housings,<br>screw locking<br><br> |                | 09 62 010 0301                   | <br>Panel cut out |

Hoods/Housings for higher EMC requirements

| Identification                                                                                                                               | Cable entry | Part number    | Drawing<br>Dimensions in mm                                                                                |
|----------------------------------------------------------------------------------------------------------------------------------------------|-------------|----------------|------------------------------------------------------------------------------------------------------------|
| Han® EMV,<br>Hoods,<br>top entry,<br>screw locking          | 1xM32       | 19 62 040 0442 |                         |
| Han® EMV,<br>Hoods,<br>side entry,<br>screw locking       | 1xM32       | 19 62 040 0542 |                        |
| Han® EMV,<br>Bulkhead mounted housings,<br>screw locking  |             | 09 62 040 0301 |  <p>Panel cut out</p> |

Hoods/Housings for higher EMC requirements

| Identification                                                                                                                                      | Cable entry | Part number    | Drawing<br>Dimensions in mm                                                                                |
|-----------------------------------------------------------------------------------------------------------------------------------------------------|-------------|----------------|------------------------------------------------------------------------------------------------------------|
| Han® EMV,<br>Hoods,<br>top entry,<br>screw locking<br><br>         | 1xM40       | 19 62 064 0443 |                         |
| Han® EMV,<br>Hoods,<br>side entry,<br>screw locking<br><br>      | 1xM40       | 19 62 064 0543 |                        |
| Han® EMV,<br>Bulkhead mounted housings,<br>screw locking<br><br> |             | 09 62 064 0301 |  <p>Panel cut out</p> |

## Features

- Hoods/Housings for higher EMC requirements
- Excellent shield transitions and a low transfer impedance
- Locking levers: Han-Easy Lock®
- **Field of application:** For sensitive interconnections that have to be shielded against electrical, magnetic or electro-magnetic interferences
- Distinguishing feature: Electrically conductive surface, internal seal

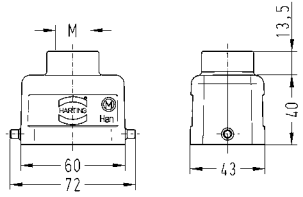
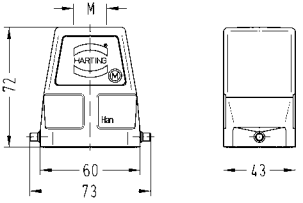
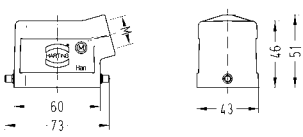
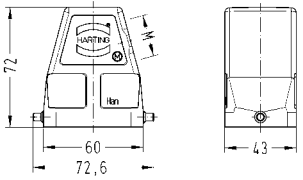
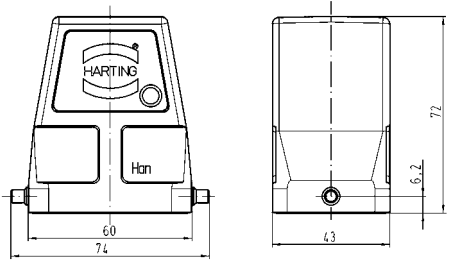
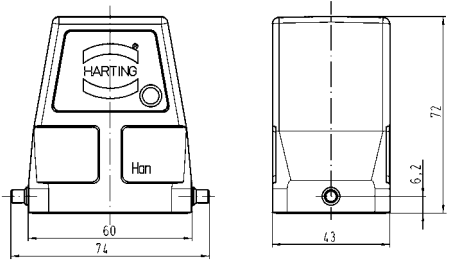
## Technical characteristics

|                                                 |                                 |
|-------------------------------------------------|---------------------------------|
| Limiting temperatures                           | -40 °C ... 125 °C               |
| Limiting temperatures with High Temp components | -40 °C ... 200 °C               |
| Protection class acc. to UL 50                  | NEMA type 4/4X/12               |
| Degree of protection acc. to IEC 60529          | IP65                            |
| Material (hoods/housings)                       | aluminium                       |
| Surface (hoods/housings)                        | unpainted                       |
| Material (locking lever)                        | polycarbonate + stainless steel |
| Material (seal)                                 | NBR                             |

## Specifications and approvals

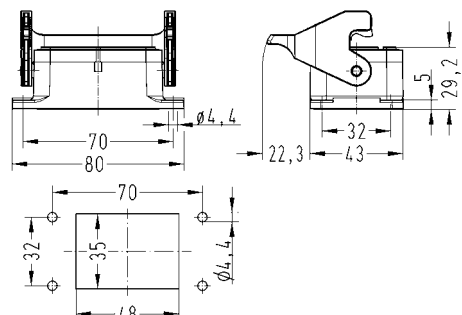
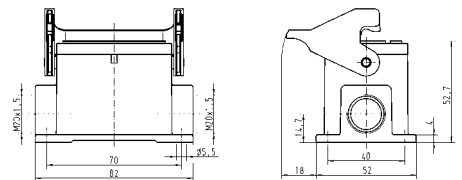


single locking lever

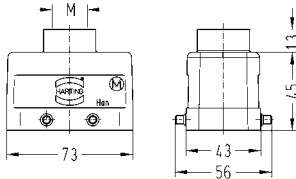
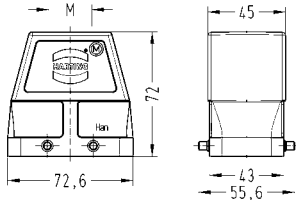
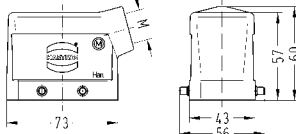
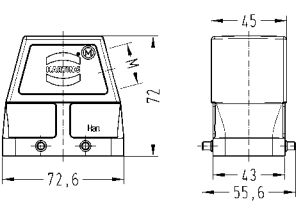
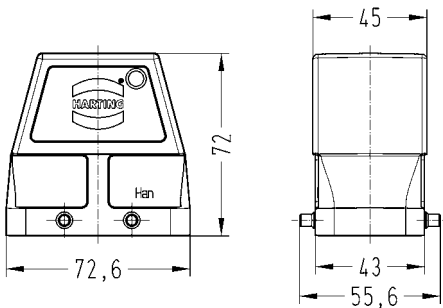
| Identification                                                                                                                                             | Cable entry             | Part number         |                                  | Drawing<br>Dimensions in mm                                                                                                                                                                                                                                                                                                                          |
|------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|---------------------|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                                                                            |                         | Low<br>construction | High<br>construction             |                                                                                                                                                                                                                                                                                                                                                      |
| Han® EMC/B,<br>Han® High Temp,<br>Hoods,<br>top entry<br><br>             | 1xM20<br>1xM25<br>1xM32 | 19 62 806 1440      | 19 62 806 0446<br>19 62 806 0447 |     |
| Han® EMC/B,<br>Han® High Temp,<br>Hoods,<br>side entry<br><br>          | 1xM20<br>1xM25<br>1xM32 | 19 62 806 1540      | 19 62 806 0546<br>19 62 806 0547 |                                                                                                                                                                                                                                                                 |
| Han® EMC/B,<br>Han® High Temp,<br>Hoods,<br>without cable entry<br><br> |                         |                     | 09 62 806 0801                   |                                                                                                                                                                                                                                                                 |

Hoods  
Housings

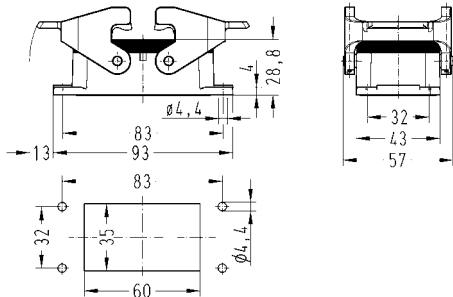
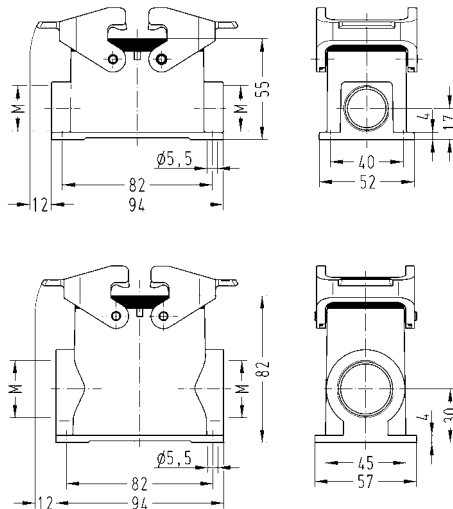
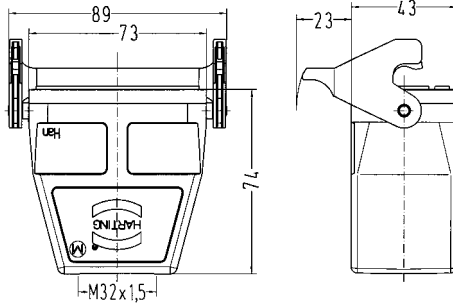


| Identification                                                                                                                                                 | Cable entry | Part number         |                      | Drawing<br>Dimensions in mm                                                                              |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|---------------------|----------------------|----------------------------------------------------------------------------------------------------------|
|                                                                                                                                                                |             | Low<br>construction | High<br>construction |                                                                                                          |
| Han® EMC/B,<br>Bulkhead mounted housings,<br>Han-Easy Lock®<br>               |             | 09 62 806 0301      |                      |  <p>Panel cut out</p> |
| Han® EMC/B,<br>Surface mounted housings,<br>side entry,<br>Han-Easy Lock®<br> | 2xM20       | 19 62 806 1290      |                      |                       |

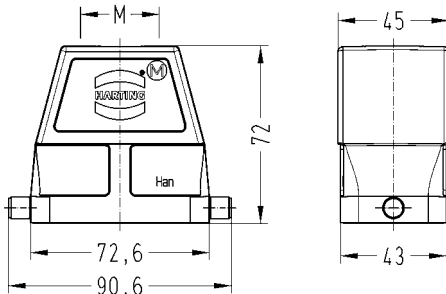
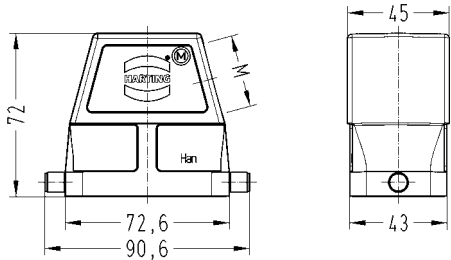
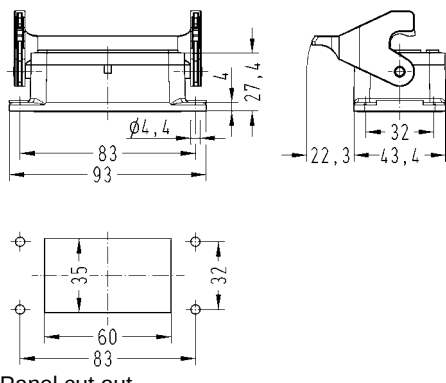
double locking lever

| Identification                                                                                                                                                | Cable entry                      | Part number                              |                                          | Drawing<br>Dimensions in mm                                                                                                                                                 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|------------------------------------------|------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                                                                               |                                  | Low<br>construction                      | High<br>construction                     |                                                                                                                                                                             |
| <p>Han® EMC/B,<br/>Han® High Temp,<br/>Hoods,<br/>top entry</p>              | <p>1xM20<br/>1xM25<br/>1xM32</p> | <p>19 62 810 1420<br/>19 62 810 1421</p> | <p>19 62 810 0426<br/>19 62 810 0427</p> |      |
| <p>Han® EMC/B,<br/>Han® High Temp,<br/>Hoods,<br/>side entry</p>           | <p>1xM20<br/>1xM25<br/>1xM32</p> | <p>19 62 810 1520</p>                    | <p>19 62 810 0526<br/>19 62 810 0527</p> |   |
| <p>Han® EMC/B,<br/>Han® High Temp,<br/>Hoods,<br/>without cable entry</p>  |                                  |                                          | <p>09 62 810 0801</p>                    |                                                                                        |

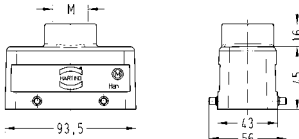
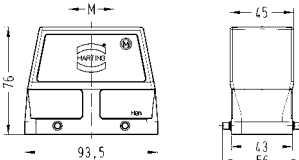
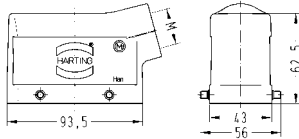
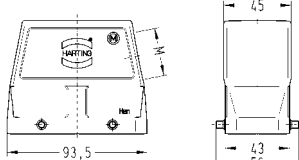
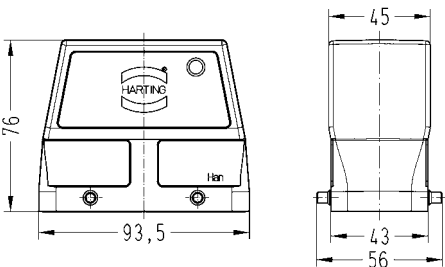
Hoods  
Housings

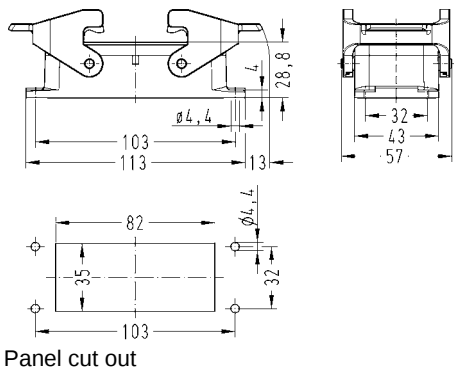
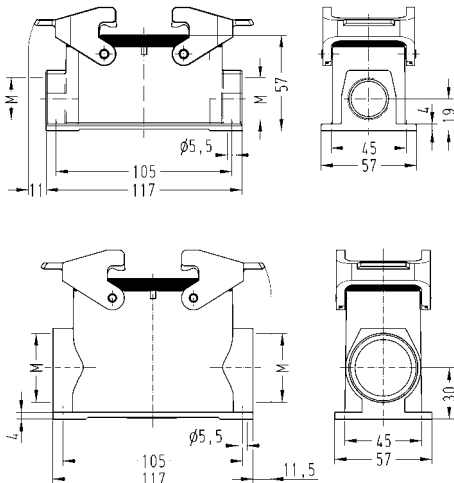
| Identification                                                                                                                                                 | Cable entry    | Part number         |                      | Drawing<br>Dimensions in mm                                                                              |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|---------------------|----------------------|----------------------------------------------------------------------------------------------------------|
|                                                                                                                                                                |                | Low<br>construction | High<br>construction |                                                                                                          |
| Han® EMC/B,<br>Bulkhead mounted housings,<br>Han-Easy Lock®<br>               |                | 09 62 810 0301      |                      |  <p>Panel cut out</p> |
| Han® EMC/B,<br>Surface mounted housings,<br>side entry,<br>Han-Easy Lock®<br> | 2xM25<br>2xM32 | 19 62 810 1271      | 19 62 810 0272       |                      |
| Han® EMC/B,<br>Cable to cable housings,<br>top entry,<br>Han-Easy Lock®<br> | 1xM32          |                     | 19 62 810 0757       |                     |

single locking lever

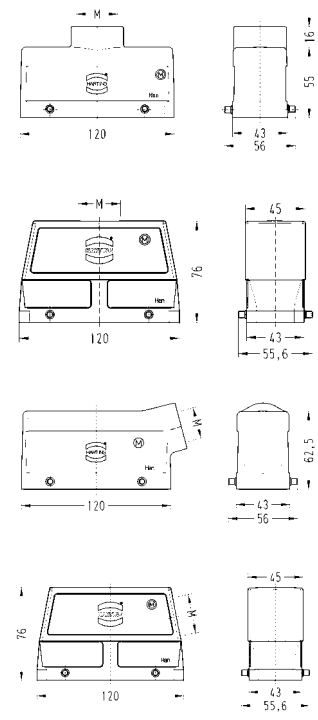
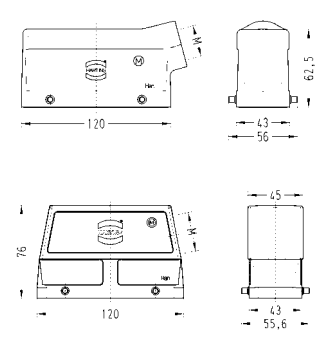
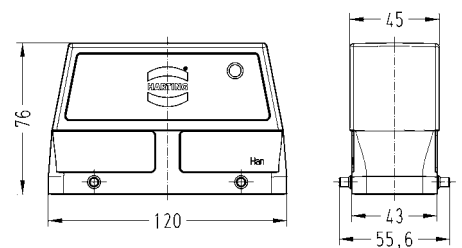
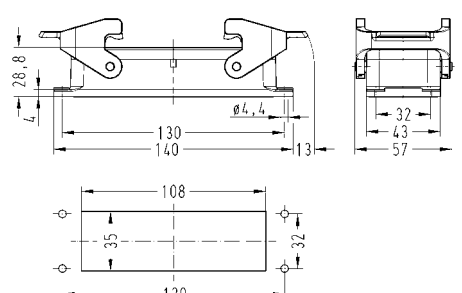
| Identification                                                                                                                                     | Cable entry    | Part number         |                                  | Drawing<br>Dimensions in mm                                                                                |
|----------------------------------------------------------------------------------------------------------------------------------------------------|----------------|---------------------|----------------------------------|------------------------------------------------------------------------------------------------------------|
|                                                                                                                                                    |                | Low<br>construction | High<br>construction             |                                                                                                            |
| Han® EMC/B,<br>Hoods,<br>top entry<br>                            | 1xM25<br>1xM32 |                     | 19 62 810 0446<br>19 62 810 0447 |                         |
| Han® EMC/B,<br>Hoods,<br>side entry<br>                         | 1xM32          |                     | 19 62 810 0547                   |                       |
| Han® EMC/B,<br>Bulkhead mounted housings,<br>Han-Easy Lock®<br> |                | 09 62 810 0305      |                                  |  <p>Panel cut out</p> |

double locking lever

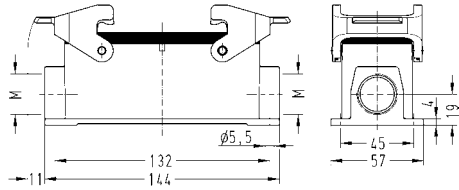
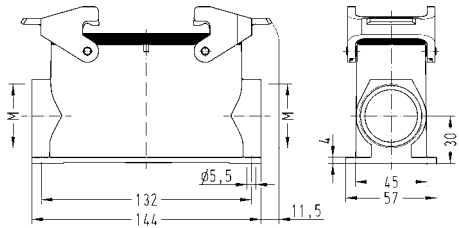
| Identification                                                                                                                                         | Cable entry    | Part number         |                      | Drawing<br>Dimensions in mm                                                                                                                                                 |
|--------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|---------------------|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                                                                        |                | Low<br>construction | High<br>construction |                                                                                                                                                                             |
| Han® EMC/B,<br>Han® High Temp,<br>Hoods,<br>top entry<br>             | 1xM25<br>1xM32 | 19 62 816 1421      | 19 62 816 0427       |       |
| Han® EMC/B,<br>Han® High Temp,<br>Hoods,<br>side entry<br>          | 1xM25<br>1xM32 | 19 62 816 1521      | 19 62 816 0527       |   |
| Han® EMC/B,<br>Han® High Temp,<br>Hoods,<br>without cable entry<br> |                |                     | 09 62 816 0801       |                                                                                        |

| Identification                                                                                                                                                  | Cable entry    | Part number         |                      | Drawing<br>Dimensions in mm                                                                              |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|---------------------|----------------------|----------------------------------------------------------------------------------------------------------|
|                                                                                                                                                                 |                | Low<br>construction | High<br>construction |                                                                                                          |
| Han® EMC/B,<br>Bulkhead mounted housings,<br>Han-Easy Lock®<br>                |                | 09 62 816 0301      |                      |  <p>Panel cut out</p> |
| Han® EMC/B,<br>Surface mounted housings,<br>side entry,<br>Han-Easy Lock®<br> | 2xM25<br>2xM40 | 19 62 816 1271      | 19 62 816 0273       |                      |

double locking lever

| Identification                                                                                                                                             | Cable entry             | Part number         |                                  | Drawing<br>Dimensions in mm                                                                            |
|------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|---------------------|----------------------------------|--------------------------------------------------------------------------------------------------------|
|                                                                                                                                                            |                         | Low<br>construction | High<br>construction             |                                                                                                        |
| Han® EMC/B,<br>Han® High Temp,<br>Hoods,<br>top entry<br><br>             | 1xM32                   | 19 62 824 1422      | 19 62 824 0427                   |                    |
| Han® EMC/B,<br>Han® High Temp,<br>Hoods,<br>side entry<br><br>          | 1xM25<br>1xM32<br>1xM40 | 19 62 824 1521      | 19 62 824 0527<br>19 62 824 0528 |                   |
| Han® EMC/B,<br>Han® High Temp,<br>Hoods,<br>without cable entry<br><br> |                         |                     | 09 62 824 0801                   |                   |
| Han® EMC/B,<br>Bulkhead mounted housings,<br>Han-Easy Lock®<br><br>     |                         | 09 62 824 0301      |                                  | <br>Panel cut out |

Hoods  
Housings

| Identification                                                                                                                                                           | Cable entry    | Part number         |                      | Drawing<br>Dimensions in mm                                                                                                                                                                       |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|---------------------|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                                                                                          |                | Low<br>construction | High<br>construction |                                                                                                                                                                                                   |
| Han® EMC/B,<br>Surface mounted housings,<br>side entry,<br>Han-Easy Lock® <div>  </div> | 2xM25<br>2xM40 | 19 62 824 1271      | 19 62 824 0273       | <div>  </div> <div>  </div> |

## Features

- Hoods/Housings for harsh environmental requirements
- Highly EMC resistant
- Screw locking M4
- Field of application: For external electrical interconnections in vehicles, in highly demanding environments and wet areas, as well as for sensitive interconnections that have to be shielded
- Distinguishing feature: colour-coded black, internal seal (RAL 9005)

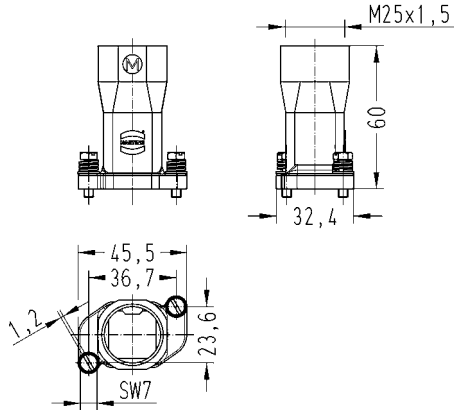
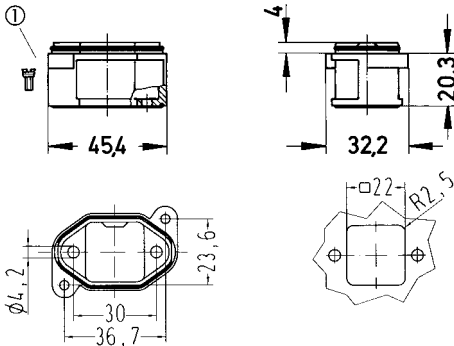
## Technical characteristics

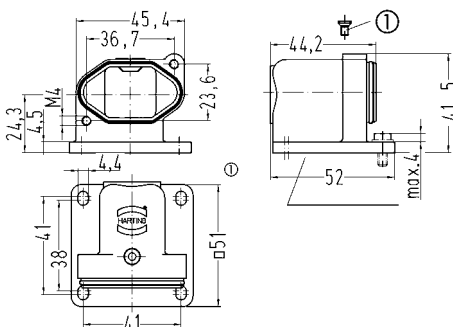
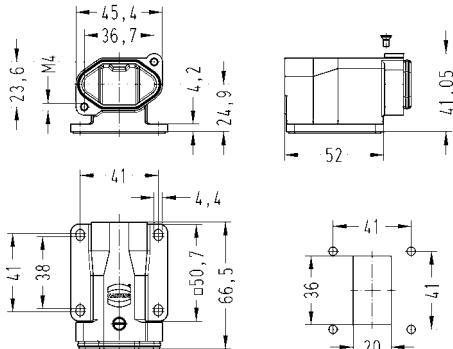
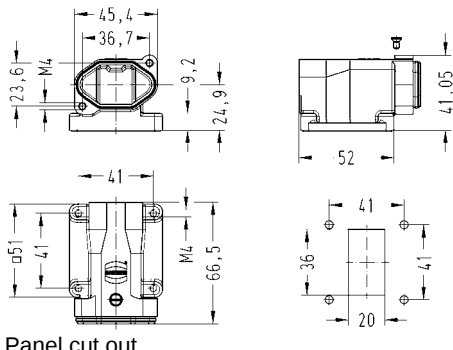
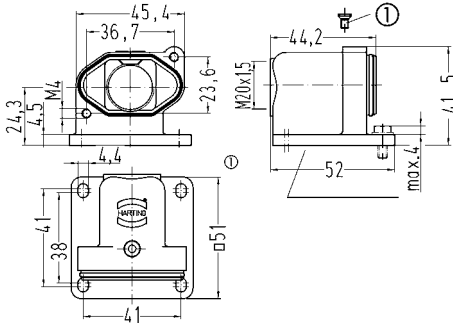
|                                        |                              |
|----------------------------------------|------------------------------|
| Limiting temperatures                  | -40 °C ... 125 °C            |
| Protection class acc. to UL 50         | NEMA 4/12, NEMA type 4/4X/12 |
| Degree of protection acc. to IEC 60529 | IP69K                        |
| Degree of protection acc. to IEC 60529 | IP65 / IP68                  |
| Tightening torque (locking)            | 2 Nm                         |
| Corrosion resistance                   | ASTM B117-09 (500 h)         |
| Material (hoods/housings)              | zinc die-cast                |
| Surface (hoods/housings)               | powder-coated, chromated     |
| Colour (hoods/housings)                | RAL 9005 (black)             |
| Material (seal)                        | NBR                          |
| Material (screwing)                    | stainless steel              |

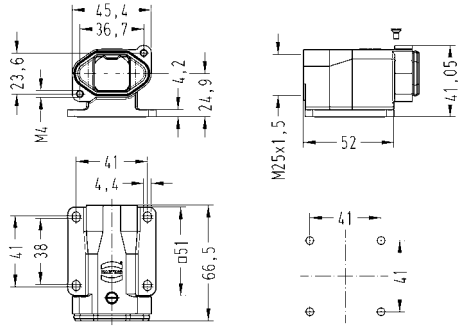
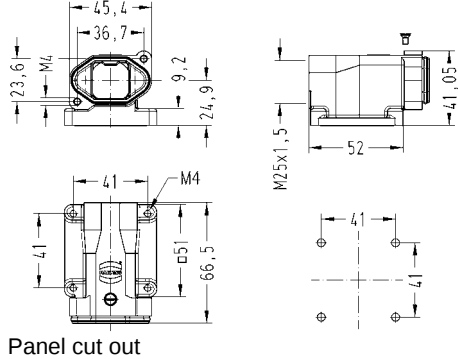
## Specifications and approvals

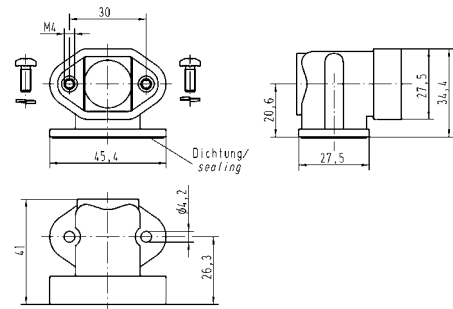
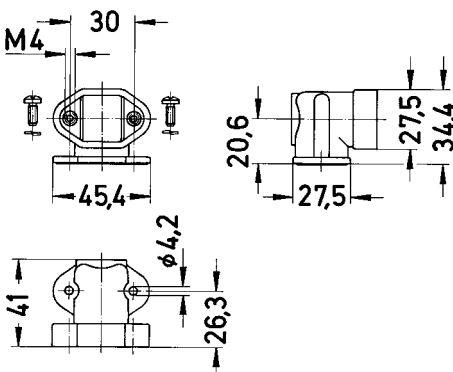


Hoods/Housings for harsh environmental requirements

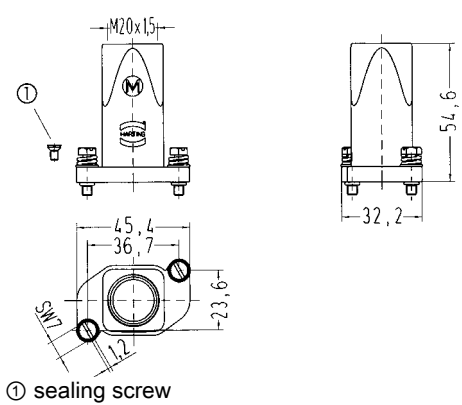
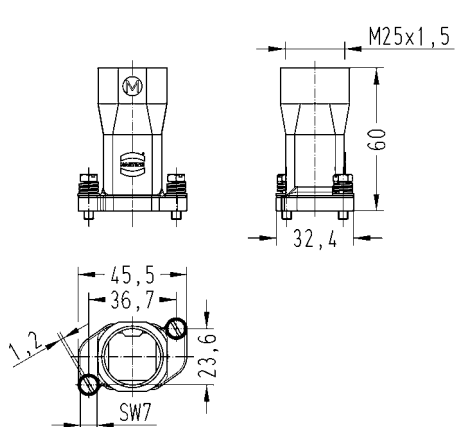
| Identification                                                                                                                                                                                                                                                | Cable entry                         | Part number                                                    | Drawing<br>Dimensions in mm                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|----------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>Han® HPR,<br/>Hoods,<br/>with sealing screw,<br/>top entry,<br/>toggle locking</p> <p>Han® HPR,<br/>Hoods,<br/>with sealing screw,<br/>top entry,<br/>screw locking</p>  | <p>1xM20</p> <p>1xM20<br/>1xM25</p> | <p>19 40 703 0400</p> <p>19 40 703 0410<br/>19 40 703 0411</p> |  <p>Technical drawing showing front, side, and top views of the hood. Dimensions include: top view (45,5 x 36,7 mm), side view (60 mm height, 32,4 mm width), and front view (32,4 mm width, 60 mm height). A top entry hole is shown with a diameter of 23,6 mm and a depth of 1,2 mm. A sealing screw (SW7) is indicated.</p>                                                                |
| <p>Han® HPR,<br/>Bulkhead mounted housings,<br/>with sealing screw,<br/>toggle locking</p> <p>Han® HPR,<br/>Bulkhead mounted housings,<br/>with sealing screw,<br/>screw locking</p>                                                                          |                                     | <p>09 40 703 0301</p> <p>09 40 703 0311</p>                    |  <p>Technical drawing showing front, side, and top views of the bulkhead mounted housings. Dimensions include: front view (45,4 mm width, 20,3 mm height), side view (32,2 mm width, 20,3 mm height), and top view (36,7 mm width, 23,6 mm height). A panel cut out of 21.3 x 21.3 mm is shown. A sealing screw (1) is indicated.</p> <p>Panel cut out 21.3 x 21.3 mm<br/>① sealing screw</p> |

| Identification                                                                                                                                                                                                | Cable entry | Part number    | Drawing<br>Dimensions in mm                                                                                                                 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|----------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| Han® HPR,<br>Bulkhead mounted housings, angled,<br>with sealing screw,<br>screw locking                                      |             | 09 40 703 0950 |  <p>Panel cut out 21.3 x 21.3 mm<br/>① sealing screw</p> |
| Han® HPR,<br>Bulkhead mounted housings, angled,<br>screw locking,<br>long version,<br>feed through hole for fixing screws   |             | 09 40 703 0951 |  <p>Panel cut out</p>                                   |
| Han® HPR,<br>Bulkhead mounted housings, angled,<br>screw locking,<br>long version,<br>tapped blind hole for fixing screws  |             | 09 40 703 0953 |  <p>Panel cut out</p>                                  |
| Han® HPR,<br>Surface mounted housings, angled,<br>with sealing screw,<br>top entry,<br>screw locking,<br>bottom closed     | 1xM20       | 19 40 703 0950 |  <p>① sealing screw</p>                                |

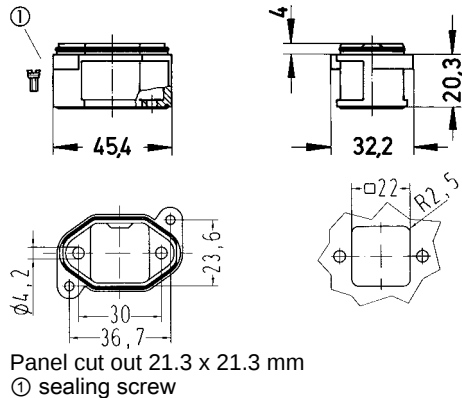
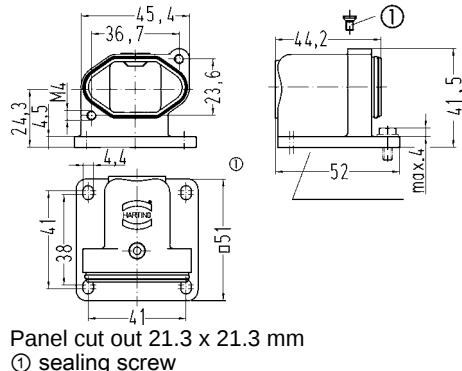
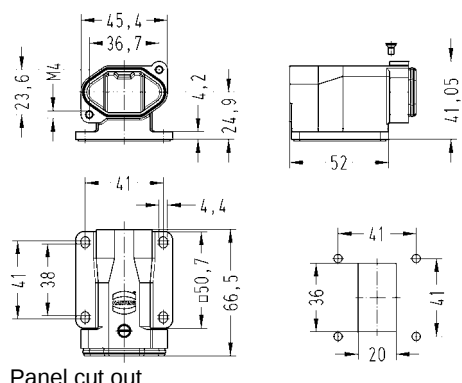
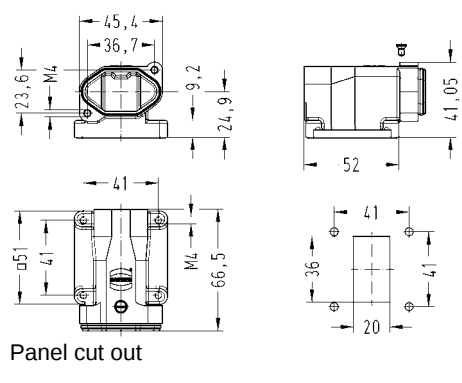
| Identification                                                                                                                                                                                                                                                               | Cable entry | Part number                                                                      | Drawing<br>Dimensions in mm                                                                               |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|
| Han® HPR,<br>Surface mounted housings, angled,<br>with sealing screw,<br>top entry,<br>screw locking,<br>long version<br>with closed bottom and feed through hole<br>for fixing screws                                                                                       | 1xM25       | 19 40 703 0951                                                                   |  <p>Panel cut out</p>  |
| Han® HPR,<br>Surface mounted housings, angled,<br>with sealing screw,<br>top entry,<br>screw locking,<br>long version<br>with closed bottom and tapped blind hole<br>for fixing screws                                                                                       | 1xM25       | 19 40 703 0953                                                                   |  <p>Panel cut out</p> |
| Han® HPR,<br>Cover for housings,<br>toggle locking<br><br>Han® HPR,<br>Cover for housings,<br>toggle locking,<br>with securing flex<br><br>Han® HPR,<br>Cover for housings,<br>screw locking<br><br>Han® HPR,<br>Cover for housings,<br>screw locking,<br>with securing flex |             | 09 40 703 5401<br><br>09 40 703 5402<br><br>09 40 703 5411<br><br>09 40 703 5412 |                                                                                                           |
| Han® HPR,<br>Dust protection cover,<br>plastic<br><br>                                                                                                                                    |             | 09 40 003 5406                                                                   |                                                                                                           |

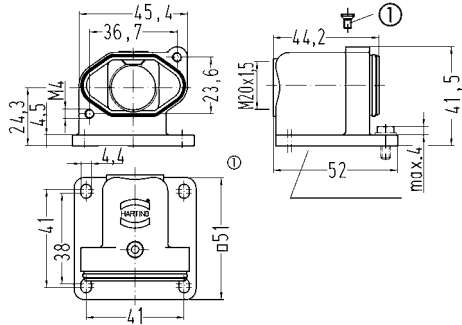
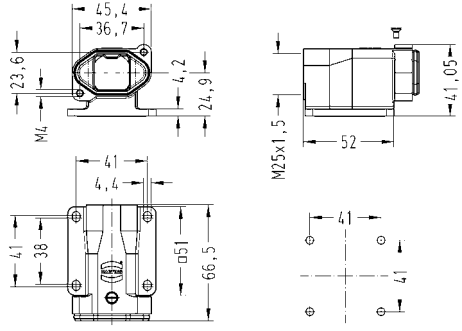
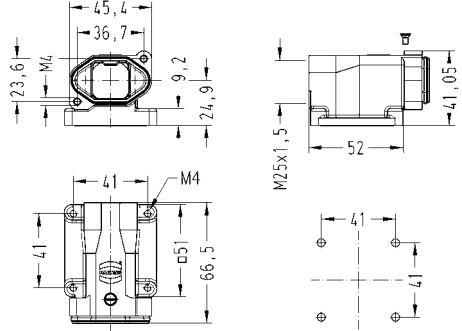
| Identification                                                                                                                                                                                                               | Cable entry | Part number    | Drawing<br>Dimensions in mm                                                          |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|----------------|--------------------------------------------------------------------------------------|
| Han® HPR,<br>Adaptor,<br>powder-coated,<br>top entry,<br>open bottom<br><br>for assembly of bulkhead mounted bulk-<br>head mounted position | 1xM20       | 19 40 703 0900 |   |
| Han® HPR,<br>Adaptor,<br>powder-coated,<br>open bottom<br><br>for assembly of bulkhead mounted bulk-<br>head mounted position               |             | 09 40 703 0902 |  |

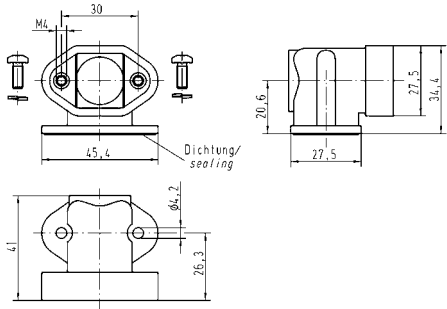
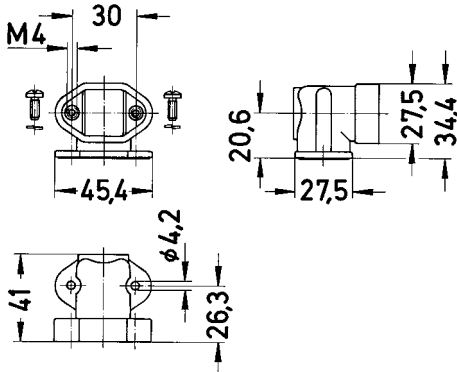
Hoods/Housings for harsh environmental requirements

| Identification                                                                                                                                                       | Cable entry    | Part number                      | Drawing<br>Dimensions in mm                                                                                                                                                                       |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Han® HPR,<br>Hoods,<br>with sealing screw,<br>top entry,<br>toggle locking          | 1xM20          | 19 40 003 0400                   |                                                                                                                                                                                                   |
| Han® HPR,<br>Hoods,<br>with sealing screw,<br>top entry,<br>screw locking         | 1xM20<br>1xM25 | 19 40 003 0410<br>19 40 003 0411 |  <p>① sealing screw</p>  |
| Han® HPR,<br>Bulkhead mounted housings,<br>with sealing screw,<br>toggle locking  |                | 09 40 003 0301                   |                                                                                                                                                                                                   |

Hoods  
Housings

| Identification                                                                                                                                                                                                                              | Cable entry | Part number    | Drawing<br>Dimensions in mm                                                                                                                  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|----------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| Han® HPR,<br>Bulkhead mounted housings,<br>with sealing screw,<br>screw locking<br><br>                                                                    |             | 09 40 003 0311 |  <p>Panel cut out 21.3 x 21.3 mm<br/>① sealing screw</p>  |
| Han® HPR,<br>Bulkhead mounted housings, angled,<br>with sealing screw,<br>screw locking<br><br>                                                           |             | 09 40 003 0950 |  <p>Panel cut out 21.3 x 21.3 mm<br/>① sealing screw</p> |
| Han® HPR,<br>Bulkhead mounted housings, angled,<br>screw locking,<br>long version,<br>feed through hole for fixing screws<br><br>                        |             | 09 40 003 0951 |  <p>Panel cut out</p>                                   |
| Han® HPR,<br>Bulkhead mounted housings, angled,<br>with sealing screw,<br>screw locking,<br>long version,<br>tapped blind hole for fixing screws<br><br> |             | 09 40 003 0953 |  <p>Panel cut out</p>                                   |

| Identification                                                                                                                                                                                                                                                                                | Cable entry | Part number                                                                             | Drawing<br>Dimensions in mm                                                                                |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-----------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|
| <p>Han® HPR,<br/>Surface mounted housings, angled,<br/>with sealing screw,<br/>top entry,<br/>screw locking,<br/>bottom closed</p>                                                                           | 1xM20       | 19 40 003 0950                                                                          |  <p>① sealing screw</p> |
| <p>Han® HPR,<br/>Surface mounted housings, angled,<br/>with sealing screw,<br/>top entry,<br/>screw locking,<br/>long version</p>  <p>with closed bottom and feed through hole<br/>for fixing screws</p>    | 1xM25       | 19 40 003 0951                                                                          |  <p>Panel cut out</p>  |
| <p>Han® HPR,<br/>Surface mounted housings, angled,<br/>with sealing screw,<br/>top entry,<br/>screw locking,<br/>long version</p>  <p>with closed bottom and tapped blind hole<br/>for fixing screws</p>   | 1xM25       | 19 40 003 0953                                                                          |  <p>Panel cut out</p> |
| <p>Han® HPR,<br/>Cover for housings,<br/>toggle locking</p> <p>Han® HPR,<br/>Cover for housings,<br/>toggle locking,<br/>with securing flex</p> <p>Han® HPR,<br/>Cover for housings,<br/>screw locking</p> <p>Han® HPR,<br/>Cover for housings,<br/>screw locking,<br/>with securing flex</p> |             | <p>09 40 003 5401</p> <p>09 40 003 5402</p> <p>09 40 003 5411</p> <p>09 40 003 5412</p> |                                                                                                            |

| Identification                                                                                                                                                                                                                                                                                                                                                                                                                               | Cable entry | Part number                          | Drawing<br>Dimensions in mm                                                                                                                                                 |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|--------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Han® HPR,<br>Dust protection cover,<br>plastic<br>                                                                                                                                                                                                                                                                                                          |             | 09 40 003 5406                       |                                                                                                                                                                             |
| Han® HPR,<br>Adaptor,<br>chromated,<br>top entry,<br>open bottom<br><br>for assembly of bulkhead mounted bulk-<br>head mounted position<br><br>Han® HPR,<br>Adaptor,<br>chromated,<br>open bottom<br><br>for assembly of bulkhead mounted bulk-<br>head mounted position | 1xM20       | 19 40 003 0900<br><br>09 40 003 0902 | <br> |

## Features

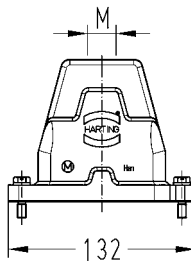
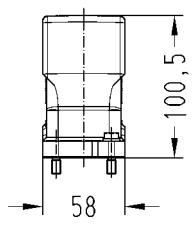
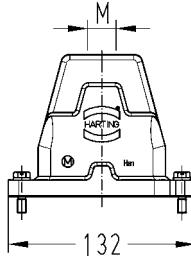
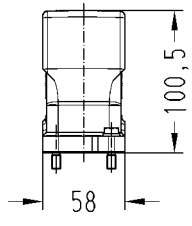
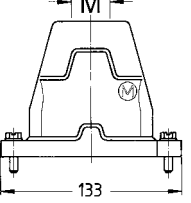
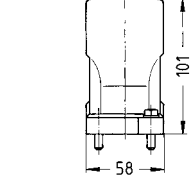
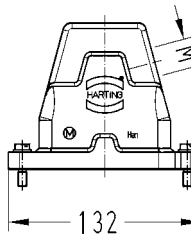
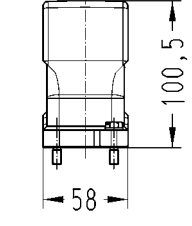
- Hoods/Housings, pressure tight
- Highly EMC resistant
- Screw locking M6
- Field of application: For external electrical interconnections in vehicles, in highly demanding environments and wet areas, as well as for sensitive interconnections that have to be shielded
- Distinguishing feature: colour-coded black, internal seal (RAL 9005)

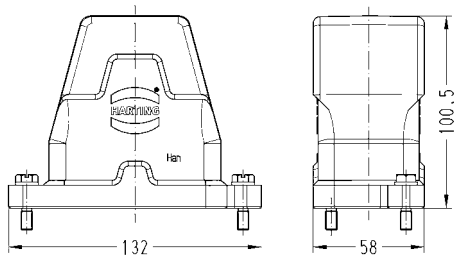
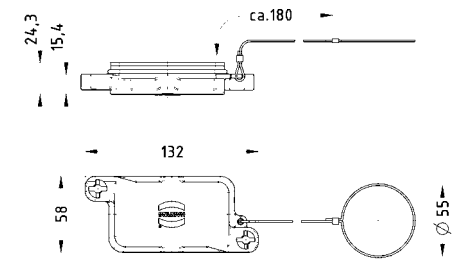
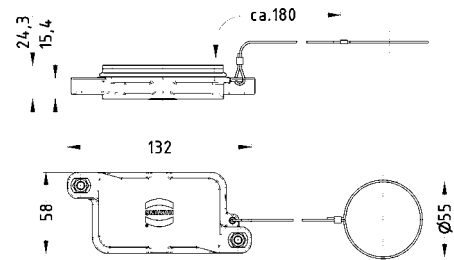
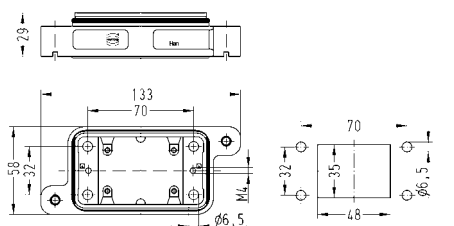
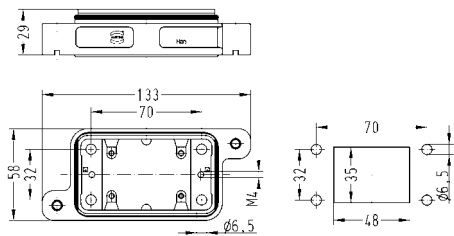
## Technical characteristics

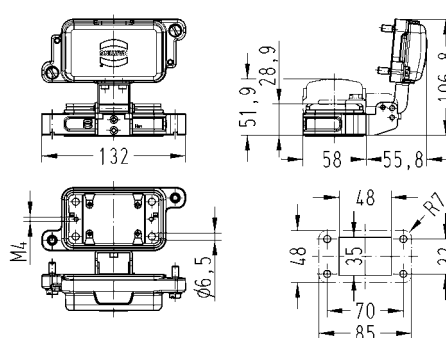
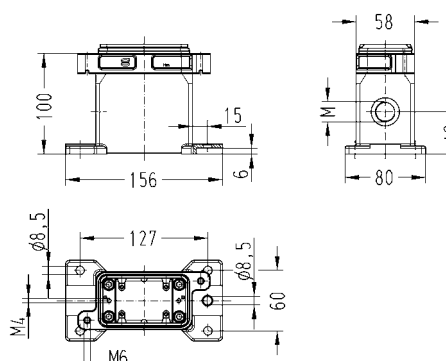
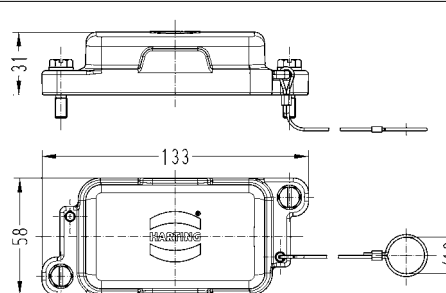
|                                        |                                         |
|----------------------------------------|-----------------------------------------|
| Limiting temperatures                  | -40 °C ... 125 °C                       |
| Protection class acc. to UL 50         | NEMA 4/12                               |
| Degree of protection acc. to IEC 60529 | IP69K                                   |
| Degree of protection acc. to IEC 60529 | IP65 / IP68                             |
| Tightening torque (locking)            | 4 Nm                                    |
| Corrosion resistance                   | ASTM B117-09 (500 h)                    |
| Material (hoods/housings)              | aluminium die-cast, corrosion resistant |
| Surface (hoods/housings)               | powder-coated                           |
| Colour (hoods/housings)                | RAL 9005 (black)                        |
| Material (locking lever)               | stainless steel                         |
| Material (seal)                        | NBR                                     |
| Material (screwing)                    | stainless steel                         |

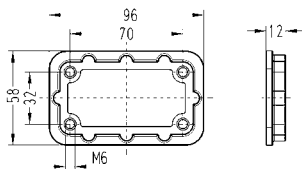
## Specifications and approvals

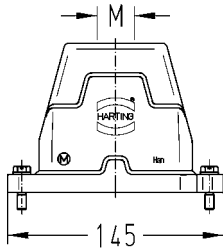
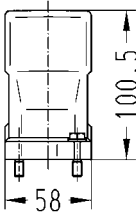
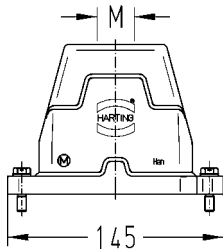
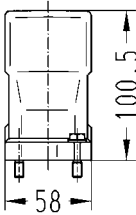
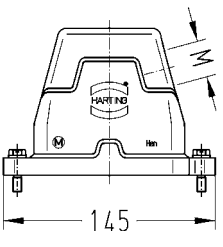
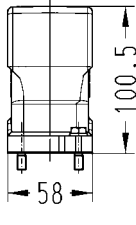
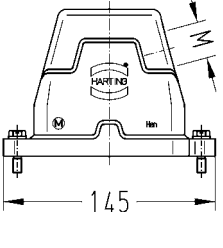
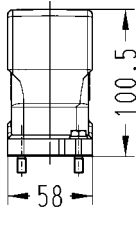


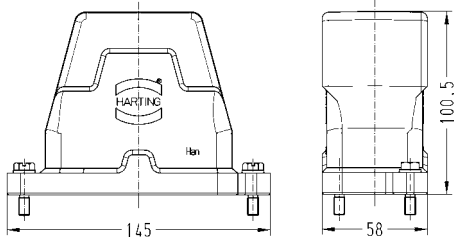
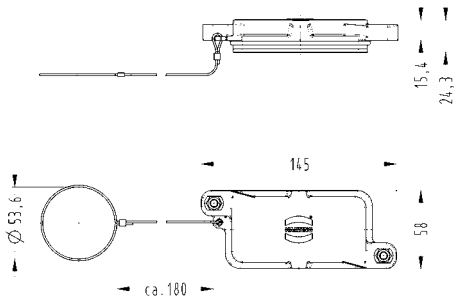
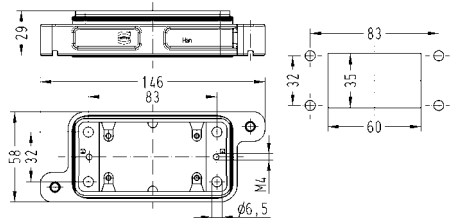
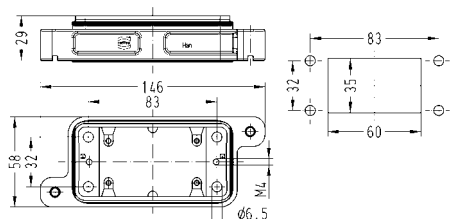
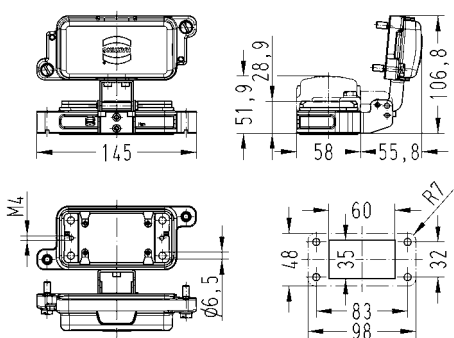
| Identification                                                                                                                           | Cable entry                      | Part number                                                          | Drawing<br>Dimensions in mm                                                           |                                                                                       |
|------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|----------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Han® HPR,<br>Hoods,<br>top entry,<br>toggle locking     | 1xM25                            | 19 40 006 0401                                                       |    |    |
| Han® HPR,<br>Hoods,<br>top entry,<br>screw locking    | 1xM20<br>1xM25<br>1xM32<br>1xM40 | 19 40 006 0410<br>19 40 006 0411<br>19 40 006 0412<br>19 40 006 0413 |   |   |
| Han® HPR,<br>Hoods,<br>side entry,<br>toggle locking  | 1xM25                            | 19 40 006 0501                                                       |  |  |
| Han® HPR,<br>Hoods,<br>side entry,<br>screw locking   | 1xM20<br>1xM25<br>1xM32<br>1xM40 | 19 40 006 0510<br>19 40 006 0511<br>19 40 006 0512<br>19 40 006 0513 |  |  |

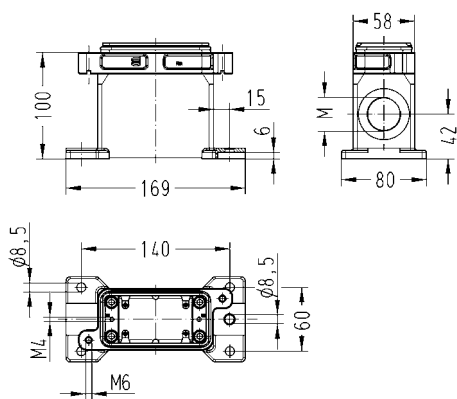
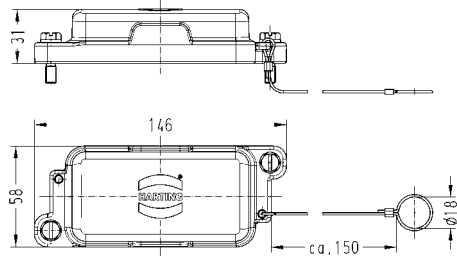
| Identification                                                                                                                                          | Cable entry | Part number    | Drawing<br>Dimensions in mm                                                           |
|---------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|----------------|---------------------------------------------------------------------------------------|
| Han® HPR,<br>Hoods,<br>without cable entry,<br>screw locking           |             | 09 40 006 0811 |    |
| Han® HPR,<br>Protection cover for hoods,<br>metal,<br>toggle locking                                                                                    |             | 09 40 006 5404 |    |
| Han® HPR,<br>Protection cover for hoods,<br>metal,<br>screw locking  |             | 09 40 006 5414 |   |
| Han® HPR,<br>Bulkhead mounted housings,<br>toggle locking            |             | 09 40 006 0301 |  |
| Han® HPR,<br>Bulkhead mounted housings,<br>screw locking             |             | 09 40 006 0311 |  |

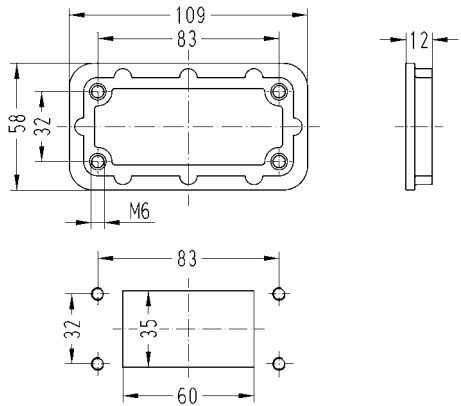
| Identification                                                                                                                                                                                                                                         | Cable entry                          | Part number                                                              | Drawing<br>Dimensions in mm                                                           |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|--------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Han® HPR,<br>Bulkhead mounted housings,<br>screw locking,<br>with metal cover<br><br>                                                                                 |                                      | 09 40 006 0317                                                           |    |
| Han® HPR,<br>Surface mounted housings,<br>screw locking,<br>horizontal version<br><br>Han® HPR,<br>Surface mounted housings,<br>side entry,<br>screw locking<br><br> | 1xM25<br><br>1xM20<br>1xM25<br>1xM32 | 19 40 006 0911<br><br>19 40 006 1260<br>19 40 006 1261<br>19 40 006 1262 |   |
| Han® HPR,<br>Cover for housings,<br>metal,<br>toggle locking<br><br>                                                                                                |                                      | 09 40 006 5401                                                           |  |
| Han® HPR,<br>Cover for housings,<br>metal,<br>screw locking<br><br>                                                                                                 |                                      | 09 40 006 5411                                                           |                                                                                       |
| Han® HPR,<br>Protection cover for housings,<br>plastic                                                                                                                                                                                                 |                                      | 09 40 006 5406                                                           |                                                                                       |

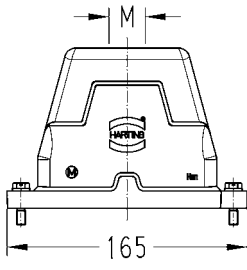
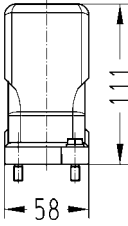
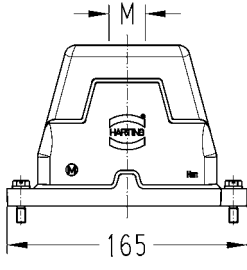
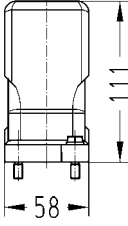
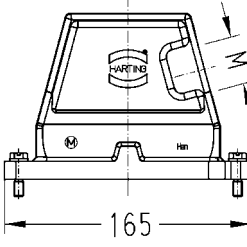
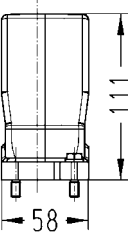
| Identification                                                                                                                                                                           | Cable entry | Part number    | Drawing<br>Dimensions in mm                                                          |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|----------------|--------------------------------------------------------------------------------------|
| Han® HPR,<br>Panel feed through housings,<br>for mounting from inside,<br>top entry,<br>screw locking   | 1xM40       | 19 40 006 1113 |                                                                                      |
| Han® HPR,<br>Panel feed through housings,<br>for mounting from outside,<br>top entry,<br>screw locking  | 1xM40       | 19 40 006 1118 |                                                                                      |
| Han® HPR,<br>Mounting frames                                                                           |             | 09 40 000 9901 |  |

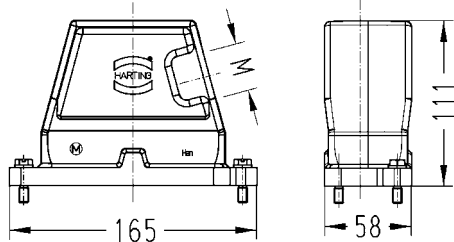
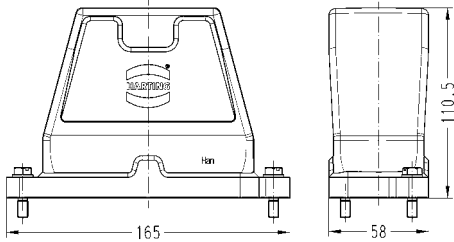
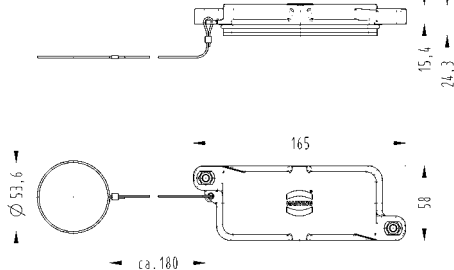
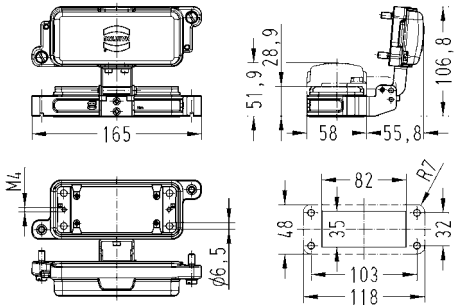
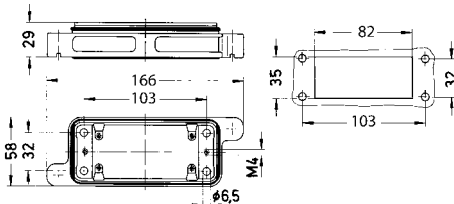
| Identification                                                                                                                                                                                                             | Cable entry                      | Part number                                                          | Drawing<br>Dimensions in mm                                                           |                                                                                       |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|----------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Han® HPR,<br>Hoods,<br>top entry,<br>toggle locking                                                                                       | 1xM25                            | 19 40 010 0401                                                       |    |    |
| Han® HPR,<br>Hoods,<br>top entry,<br>screw locking   | 1xM25<br>1xM32<br>1xM40<br>2xM20 | 19 40 010 0411<br>19 40 010 0412<br>19 40 010 0413<br>19 40 010 0430 |   |   |
| Han® HPR,<br>Hoods,<br>side entry,<br>toggle locking                                                                                    | 1xM25                            | 19 40 010 0501                                                       |  |  |
| Han® HPR,<br>Hoods,<br>side entry,<br>screw locking                                                                                     | 1xM25<br>1xM32<br>1xM40          | 19 40 010 0511<br>19 40 010 0512<br>19 40 010 0513                   |  |  |

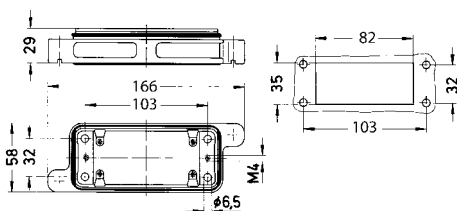
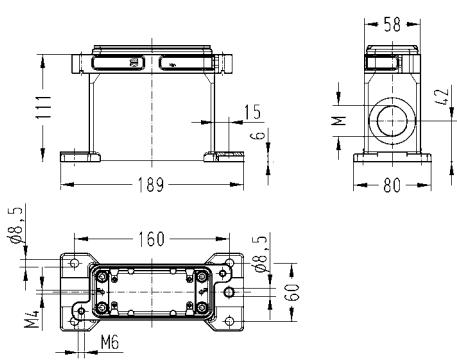
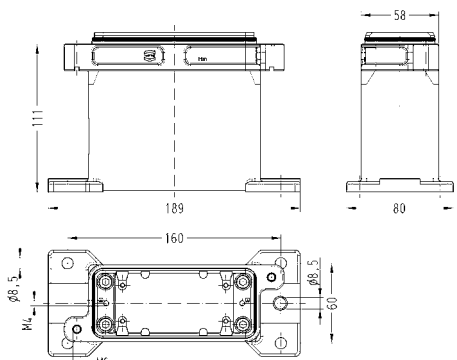
| Identification                                                                                                                                                                                                                                 | Cable entry | Part number                                 | Drawing<br>Dimensions in mm                                                           |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|---------------------------------------------|---------------------------------------------------------------------------------------|
| <p>Han® HPR,<br/>Hoods,<br/>without cable entry,<br/>screw locking</p>                                                                                        |             | 09 40 010 0811                              |    |
| <p>Han® HPR,<br/>Protection cover for hoods,<br/>metal,<br/>toggle locking</p> <p>Han® HPR,<br/>Protection cover for hoods,<br/>metal,<br/>screw locking</p>  |             | <p>09 40 010 5404</p> <p>09 40 010 5414</p> |   |
| <p>Han® HPR,<br/>Bulkhead mounted housings,<br/>toggle locking</p>                                                                                          |             | 09 40 010 0301                              |  |
| <p>Han® HPR,<br/>Bulkhead mounted housings,<br/>screw locking</p>                                                                                           |             | 09 40 010 0311                              |  |
| <p>Han® HPR,<br/>Bulkhead mounted housings,<br/>screw locking,<br/>with metal cover</p>                                                                     |             | 09 40 010 0317                              |  |

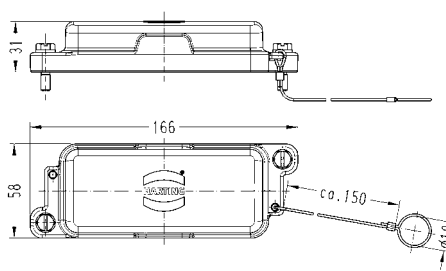
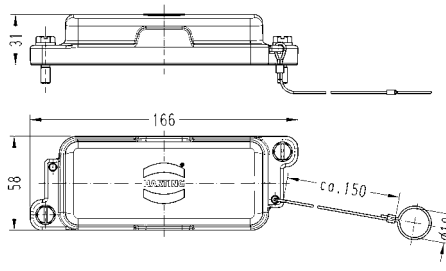
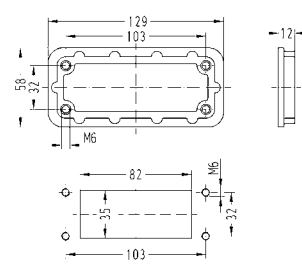
| Identification                                                                                                                                                                      | Cable entry                               | Part number                                                                            | Drawing<br>Dimensions in mm                                                          |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| Han® HPR,<br>Surface mounted housings,<br>side entry,<br>screw locking<br><br>                     | 1xM20<br>1xM32<br>1xM40<br>2xM25<br>2xM32 | 19 40 010 1260<br>19 40 010 1262<br>19 40 010 1263<br>19 40 010 1271<br>19 40 010 1272 |   |
| Han® HPR,<br>Cover for housings,<br>metal,<br>toggle locking<br><br>                              |                                           | 09 40 010 5401                                                                         |  |
| Han® HPR,<br>Cover for housings,<br>metal,<br>screw locking<br><br>                              |                                           | 09 40 010 5411                                                                         |                                                                                      |
| Han® HPR,<br>Panel feed through housings,<br>for mounting from inside,<br>screw locking<br><br>  | 1xM40                                     | 19 40 010 1113                                                                         |                                                                                      |
| Han® HPR,<br>Panel feed through housings,<br>for mounting from outside,<br>screw locking<br><br> | 1xM40                                     | 19 40 010 1118                                                                         |                                                                                      |
| Han® HPR,<br>Dust protection cover,<br>plastic                                                                                                                                      |                                           | 09 40 010 5406                                                                         |                                                                                      |

| Identification                                                                                                                                  | Cable entry | Part number    | Drawing<br>Dimensions in mm                                                                                        |
|-------------------------------------------------------------------------------------------------------------------------------------------------|-------------|----------------|--------------------------------------------------------------------------------------------------------------------|
| <div><div>Han® HPR,<br/>Mounting frames</div><div></div></div> |             | 09 40 000 9902 | <div><p>Panel cut out</p></div> |

| Identification                                                                                                                                                                                                             | Cable entry                               | Part number                                                                            | Drawing<br>Dimensions in mm                                                                                                                                                 |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Han® HPR,<br>Hoods,<br>top entry,<br>toggle locking                                                                                       | 1xM32                                     | 19 40 016 0402                                                                         |       |  |
| Han® HPR,<br>Hoods,<br>top entry,<br>screw locking   | 1xM25<br>1xM32<br>1xM40<br>1xM50<br>2xM25 | 19 40 016 0411<br>19 40 016 0412<br>19 40 016 0413<br>19 40 016 0414<br>19 40 016 0431 |     |  |
| Han® HPR,<br>Hoods,<br>side entry,<br>toggle locking                                                                                    | 1xM32                                     | 19 40 016 0502                                                                         |   |  |

| Identification                                                                                                                                                                                                                      | Cable entry                      | Part number                                                          | Drawing<br>Dimensions in mm                                                           |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|----------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Han® HPR,<br>Hoods,<br>side entry,<br>screw locking                                                                                                | 1xM25<br>1xM32<br>1xM40<br>1xM50 | 19 40 016 0511<br>19 40 016 0512<br>19 40 016 0513<br>19 40 016 0514 |    |
| Han® HPR,<br>Hoods,<br>without cable entry,<br>screw locking                                                                                       |                                  | 09 40 016 0811                                                       |    |
| Han® HPR,<br>Protection cover for hoods,<br>metal,<br>toggle locking<br><br>Han® HPR,<br>Protection cover for hoods,<br>metal,<br>screw locking  |                                  | 09 40 016 5404<br><br>09 40 016 5414                                 |  |
| Han® HPR,<br>Bulkhead mounted housings,<br>screw locking,<br>with metal cover,<br>open                                                           |                                  | 09 40 016 0317                                                       |  |
| Han® HPR,<br>Bulkhead mounted housings,<br>toggle locking                                                                                        |                                  | 09 40 016 0301                                                       |  |

| Identification                                                                                                                                                                       | Cable entry                      | Part number                                                          | Drawing<br>Dimensions in mm                                                           |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|----------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Han® HPR,<br>Bulkhead mounted housings,<br>screw locking<br>                                        |                                  | 09 40 016 0311                                                       |    |
| Han® HPR,<br>Surface mounted housings,<br>screw locking,<br>horizontal version<br>                  | 1xM32                            | 19 40 016 0912                                                       |                                                                                       |
| Han® HPR,<br>Surface mounted housings,<br>side entry,<br>screw locking<br>                         | 1xM25<br>1xM32<br>1xM40<br>2xM40 | 19 40 016 1261<br>19 40 016 1262<br>19 40 016 1263<br>19 40 016 1273 |   |
| Han® HPR,<br>Surface mounted housings,<br>side entry,<br>screw locking,<br>horizontal version<br> | 2xM32                            | 19 40 016 0922                                                       |                                                                                       |
| Han® HPR,<br>Surface mounted housings,<br>without cable entry,<br>screw locking<br>               |                                  | 09 40 016 1201                                                       |  |

| Identification                                                                                                                                                               | Cable entry | Part number    | Drawing<br>Dimensions in mm                                                                                |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|----------------|------------------------------------------------------------------------------------------------------------|
| Han® HPR,<br>Cover for housings,<br>metal,<br>toggle locking                                |             | 09 40 016 5401 |                         |
| Han® HPR,<br>Cover for housings,<br>metal,<br>screw locking                                 |             | 09 40 016 5411 |                         |
| Han® HPR,<br>Protection cover for housings,<br>plastic                                                                                                                       |             | 09 40 016 5406 |                                                                                                            |
| Han® HPR,<br>Panel feed through housings,<br>for mounting from inside,<br>screw locking   | 1xM50       | 19 40 016 1114 |                                                                                                            |
| Han® HPR,<br>Panel feed through housings,<br>for mounting from outside,<br>screw locking  | 1xM50       | 19 40 016 1119 |                                                                                                            |
| Han® HPR,<br>Mounting frames,<br>screw locking                                            |             | 09 40 000 9903 |  <p>Panel cut out</p> |

## Identification

## Cable entry

## Part number

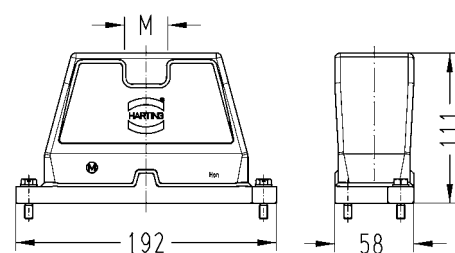
Drawing  
Dimensions in mm

Han® HPR,  
Hoods,  
top entry,  
toggle locking



1xM32  
1xM63

19 40 024 0402  
19 40 024 0410

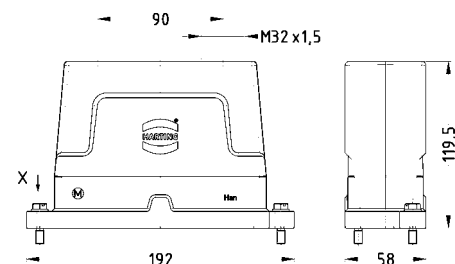
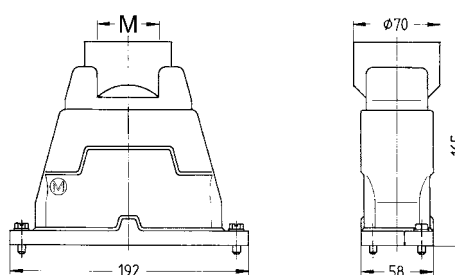
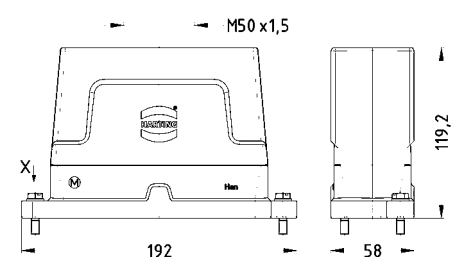
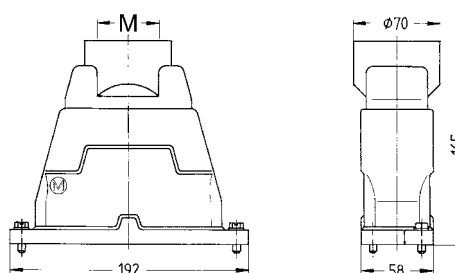


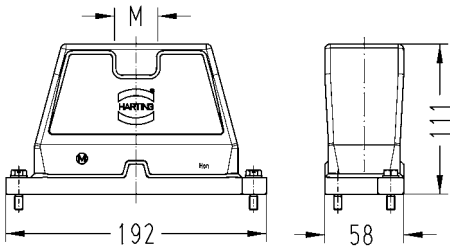
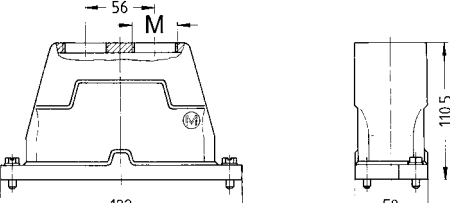
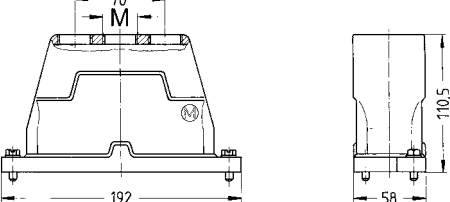
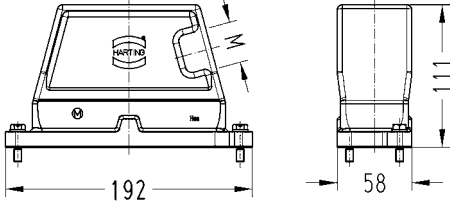
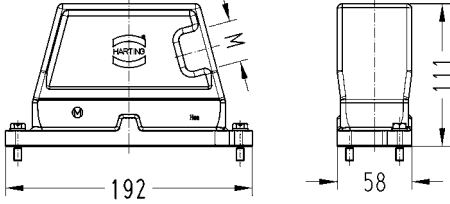
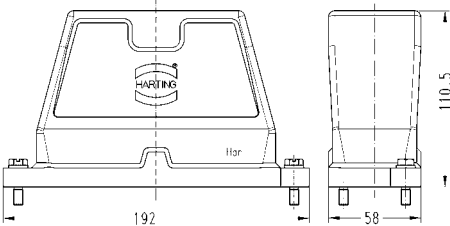
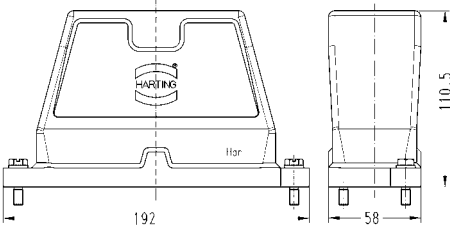
Han® HPR,  
Hoods,  
top entry,  
screw locking,  
high construction

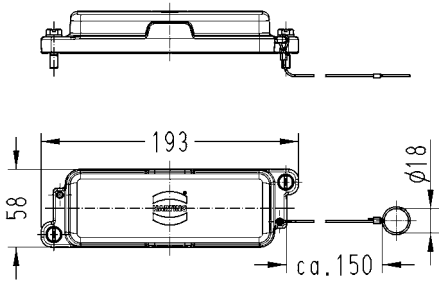
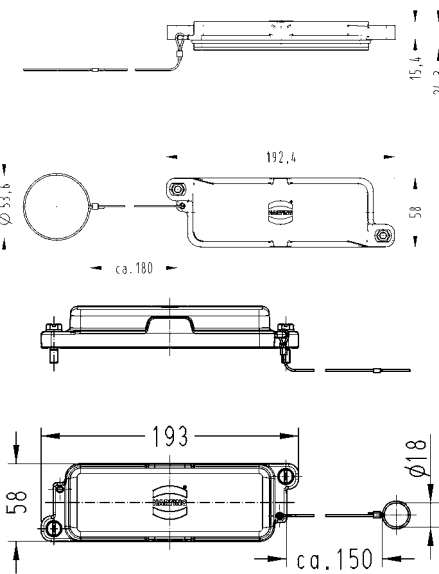
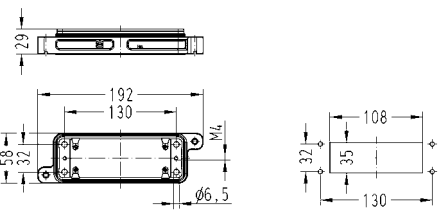
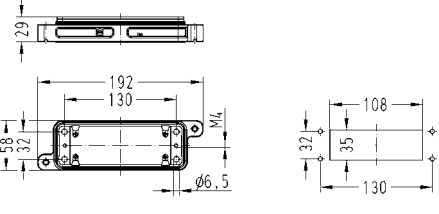


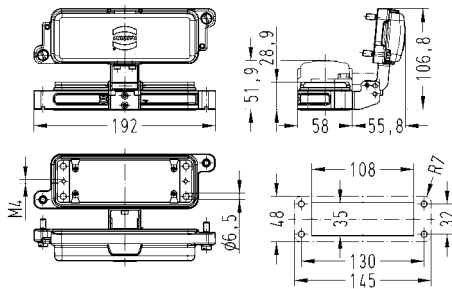
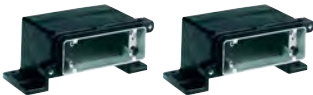
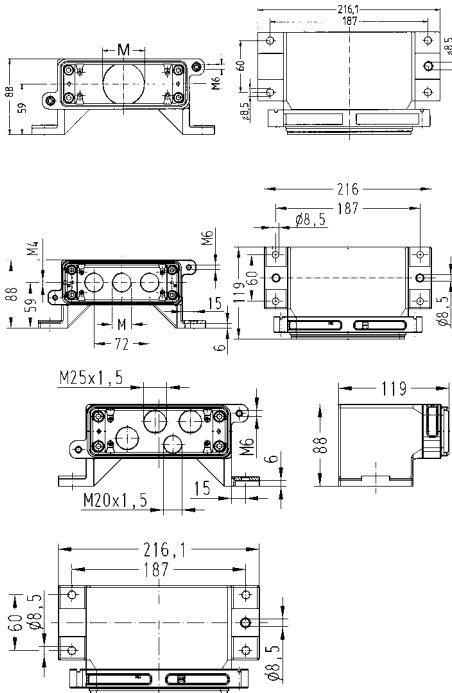
1xM50  
1xM63  
3xM32  
4xM25

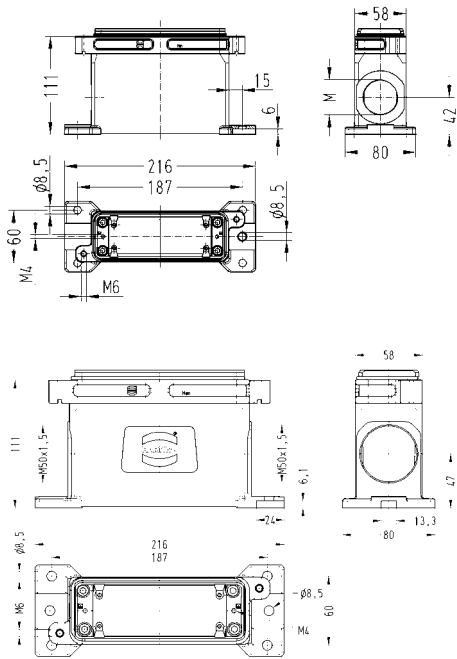
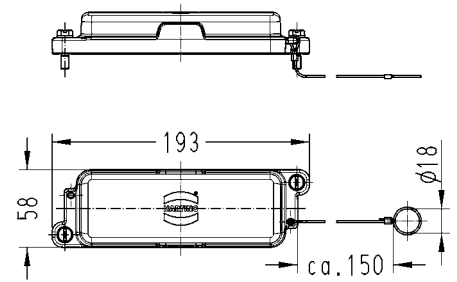
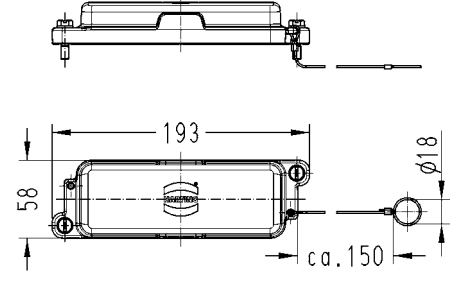
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19 40 024 0420  
19 40 024 0467  
19 40 024 0477

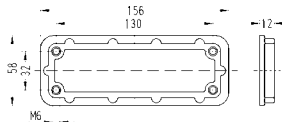
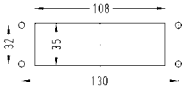


| Identification                                                            | Cable entry                                                                                   | Part number                                                                                                                                                                      | Drawing<br>Dimensions in mm                                                                                                                                              |  |
|---------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Han® HPR,<br>Hoods,<br>top entry,<br>screw locking                        | 1xM32<br>1xM40<br>1xM50<br>2xM25<br>2xM32<br>2xM40<br>3xM25<br>3xM25, 1xM20<br>4xM20<br>4xM25 | 19 40 024 0412<br>19 40 024 0413<br>19 40 024 0414<br>19 40 024 0431<br>19 40 024 0432<br>19 40 024 0433<br>19 40 024 0461<br>19 40 024 0471<br>19 40 024 0473<br>19 40 024 0474 |                                                                                       |  |
|                                                                           |                                                                                               |                                                                                                                                                                                  |   |  |
| Han® HPR,<br>Hoods,<br>side entry,<br>toggle locking                      | 1xM40                                                                                         | 19 40 024 0503                                                                                                                                                                   |                                                                                     |  |
| Han® HPR,<br>Hoods,<br>side entry,<br>screw locking                       | 1xM32<br>1xM40<br>1xM50                                                                       | 19 40 024 0512<br>19 40 024 0513<br>19 40 024 0514                                                                                                                               |                                                                                     |  |
|                                                                           |                                                                                               |                                                                                                                                                                                  |                                                                                     |  |
| Han® HPR,<br>Hoods,<br>side entry,<br>screw locking,<br>high construction | 2xM32                                                                                         | 19 40 024 0537                                                                                                                                                                   |                                                                                     |  |
| Han® HPR,<br>Hoods,<br>without cable entry,<br>screw locking              |                                                                                               | 09 40 024 0811                                                                                                                                                                   |                                                                                     |  |

| Identification                                                       | Cable entry | Part number    | Drawing<br>Dimensions in mm                                                           |
|----------------------------------------------------------------------|-------------|----------------|---------------------------------------------------------------------------------------|
| Han® HPR,<br>Protection cover for hoods,<br>metal,<br>toggle locking |             | 09 40 024 5404 |    |
| Han® HPR,<br>Protection cover for hoods,<br>metal,<br>screw locking  |             | 09 40 024 5414 |   |
| Han® HPR,<br>Bulkhead mounted housings,<br>toggle locking            |             | 09 40 024 0301 |  |
| Han® HPR,<br>Bulkhead mounted housings,<br>screw locking             |             | 09 40 024 0311 |  |

| Identification                                                                                                                                                                 | Cable entry                    | Part number                                        | Drawing<br>Dimensions in mm                                                          |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|----------------------------------------------------|--------------------------------------------------------------------------------------|
| Han® HPR,<br>Bulkhead mounted housings,<br>screw locking,<br>with metal cover                 |                                | 09 40 024 0317                                     |   |
| Han® HPR,<br>Surface mounted housings,<br>horizontal version,<br>top entry,<br>screw locking  | 1xM50<br>3xM25<br>3xM25, 1xM20 | 19 40 024 0914<br>19 40 024 0931<br>19 40 024 0971 |  |
| Han® HPR,<br>Surface mounted housings,<br>horizontal version,<br>screw locking                                                                                                 | 3xM25                          | 19 40 024 0941                                     |                                                                                      |

| Identification                                                                                                                                                              | Cable entry             | Part number                                        | Drawing<br>Dimensions in mm                                                           |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|----------------------------------------------------|---------------------------------------------------------------------------------------|
| Han® HPR,<br>Surface mounted housings,<br>side entry,<br>screw locking                     | 1xM40<br>2xM40<br>2xM50 | 19 40 024 1263<br>19 40 024 1273<br>19 40 024 1274 |    |
| Han® HPR,<br>Cover for housings,<br>metal,<br>toggle locking                             |                         | 09 40 024 5401                                     |  |
| Han® HPR,<br>Cover for housings,<br>metal,<br>screw locking                              |                         | 09 40 024 5411                                     |  |
| Han® HPR,<br>Protection cover for housings,<br>plastic                                                                                                                      |                         | 09 40 024 5406                                     |                                                                                       |
| Han® HPR,<br>Panel feed through housings,<br>for mounting from inside,<br>screw locking  | 1xM50                   | 19 40 024 1114                                     |                                                                                       |

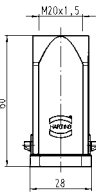
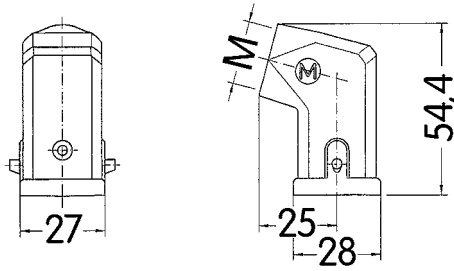
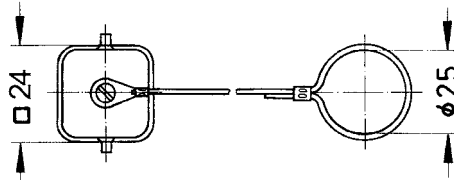
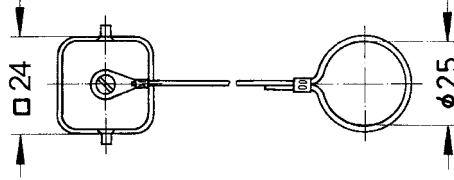
| Identification                                                                                                                                                                                                | Cable entry | Part number    | Drawing<br>Dimensions in mm                                                                                                                                                                           |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div><div>Han® HPR,<br/>Panel feed through housings,<br/>for mounting from outside,<br/>screw locking</div><div></div></div> | 1xM50       | 19 40 024 1119 |                                                                                                                                                                                                       |
| <div><div>Han® HPR,<br/>Mounting frames</div><div></div></div>                                                               |             | 09 40 000 9904 | <div><p>Panel cut out</p></div> |

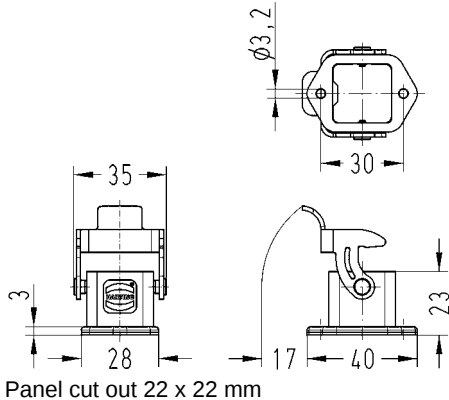
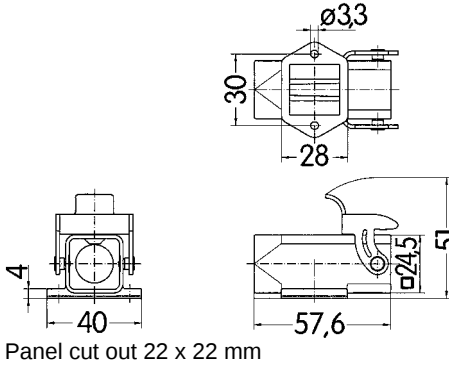
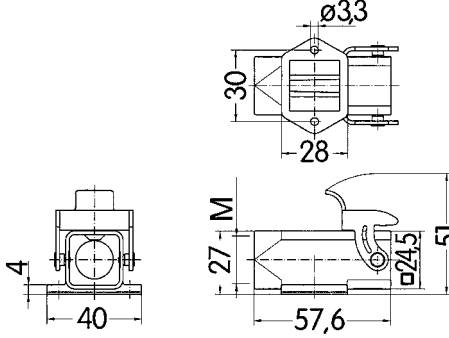
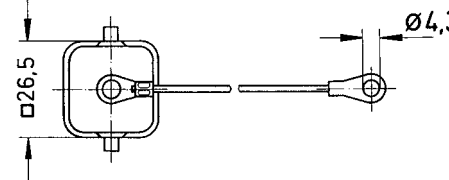
- Hoods/Housings for aggressive environmental requirements

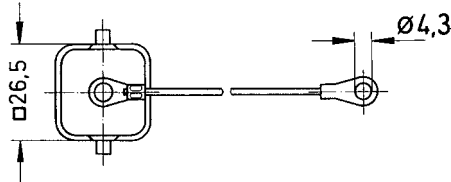
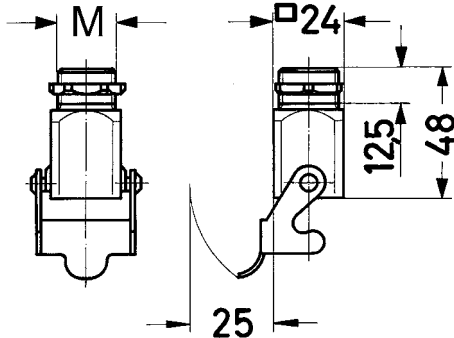
GL

|                                            |                                                                           |
|--------------------------------------------|---------------------------------------------------------------------------|
| Limiting temperatures                      | -40 °C ... 125 °C                                                         |
| Flammability (locking lever) acc. to UL 94 | V 0                                                                       |
| Protection class acc. to UL 50             | NEMA type 4/4X/12                                                         |
| Degree of protection acc. to IEC 60529     | IP44 / IP67 is achieved with seal screw 09 20 000 9918, IP65 / IP67, IP65 |
| Material (hoods/housings)                  | stainless steel                                                           |
| Surface (hoods/housings)                   | unpainted, powder-coated                                                  |
| Material (locking lever)                   | stainless steel                                                           |
| Material (seal)                            | NBR                                                                       |
| Material (accessories)                     | NBR                                                                       |
| Material (screwing)                        | stainless steel                                                           |

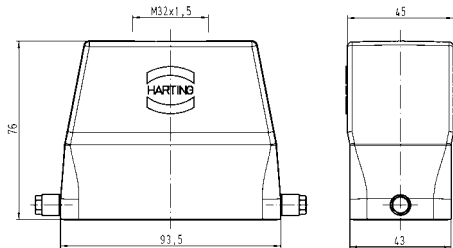
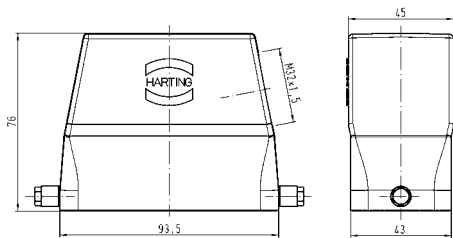
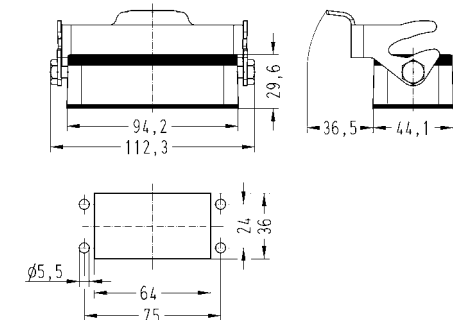
Hoods/Housings for aggressive environmental requirements  
double locking lever

| Identification                                                                                                                                                                                                                 | Cable entry | Part number    | Drawing<br>Dimensions in mm                                                           |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|----------------|---------------------------------------------------------------------------------------|
| Han-INOX®,<br>Hoods,<br>top entry,<br>electrically conductive                                                                                 | 1xM20       | 19 44 003 1440 |    |
| Han-INOX®,<br>Hoods,<br>side entry                                                                                                           | 1xM20       | 19 44 003 1640 |   |
| Han-INOX®,<br>Protection cover for hoods,<br>for mounted female insert or for mounted<br>Han-Brid® insert,<br>metal,<br>with securing flex  |             | 19 44 003 5421 |  |
| Han-INOX®,<br>Protection cover for hoods,<br>for mounted male insert or for mounted<br>Han-Brid® insert,<br>metal,<br>with securing flex    |             | 19 44 003 5422 |  |

| Identification                                                                                                                                                                                                                    | Cable entry | Part number    | Drawing<br>Dimensions in mm                                                                                           |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|----------------|-----------------------------------------------------------------------------------------------------------------------|
| Han-INOX®,<br>Bulkhead mounted housings,<br>straight                                                                                             |             | 19 44 003 0301 |  <p>Panel cut out 22 x 22 mm</p>   |
| Han-INOX®,<br>Bulkhead mounted housings,<br>angled                                                                                              |             | 19 44 003 0801 |  <p>Panel cut out 22 x 22 mm</p>  |
| Han-INOX®,<br>Surface mounted housings,<br>side entry                                                                                          | 1xM20       | 19 44 003 1250 |  <p>Panel cut out 22 x 22 mm</p> |
| Han-INOX®,<br>Protection cover for housings,<br>for mounted female insert or for mounted<br>Han-Brid® insert,<br>metal,<br>with securing flex  |             | 19 44 003 5425 |                                  |

| Identification                                                                                                                                                                                                                            | Cable entry | Part number    | Drawing<br>Dimensions in mm                                                         |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|----------------|-------------------------------------------------------------------------------------|
| <p>Han-INOX®,<br/>Protection cover for housings,<br/>for mounted male insert or for mounted<br/>Han-Brid® insert,<br/>metal,<br/>with securing flex</p>  |             | 19 44 003 5426 |  |
| <p>Han-INOX®,<br/>Screw mounted housings,<br/>top entry<br/>Range of delivery:<br/>1x M20 stainless steel screw nut</p>                                  | 1xM20       | 19 44 003 1150 |  |

single locking lever

| Identification                                                                                                                         | Cable entry | Part number    | Drawing<br>Dimensions in mm                                                                                |
|----------------------------------------------------------------------------------------------------------------------------------------|-------------|----------------|------------------------------------------------------------------------------------------------------------|
| Han-INOX®,<br>Hoods,<br>top entry                     | 1xM32       | 19 44 310 0447 |                         |
| Han-INOX®,<br>Hoods,<br>side entry                  | 1xM32       | 19 44 310 0547 |                        |
| Han-INOX®,<br>Protection cover for hoods,<br>metal  |             | 19 44 310 5422 |                                                                                                            |
| Han-INOX®,<br>Bulkhead mounted housings             |             | 19 44 310 0305 |  <p>Panel cut out</p> |

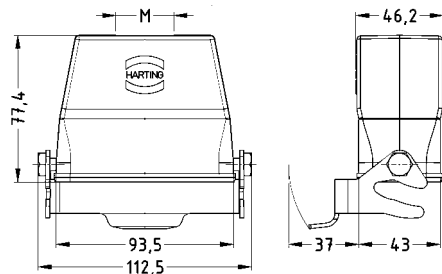
| Identification                                                                                                                                                 | Cable entry | Part number    | Drawing<br>Dimensions in mm                                                          |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|----------------|--------------------------------------------------------------------------------------|
| Han-INOX®,<br>Bulkhead mounted housings,<br>with protection cover<br>         |             | 19 44 310 0303 |                                                                                      |
| Han-INOX®,<br>Protection cover for bulkhead mounted<br>housings,<br>metal<br> |             | 19 44 310 5421 |                                                                                      |
| Han-INOX®,<br>Cable to cable housings,<br>top entry<br>                      | 1xM32       | 19 44 310 0757 |  |
| Han-INOX®,<br>Flange gasket<br>                                             |             | 19 44 000 9902 |                                                                                      |



Photo courtesy: MAN Diesel & Turbo SE

Hoods  
Housings



HARTING Han® Hoods/Housings  
for control of marine Diesel engines.