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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

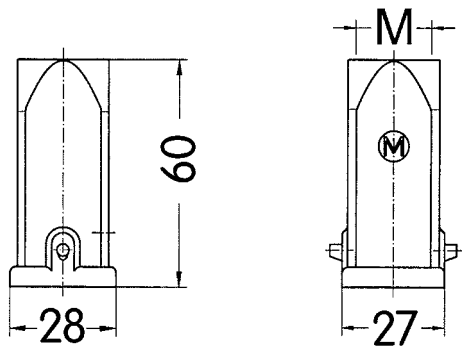
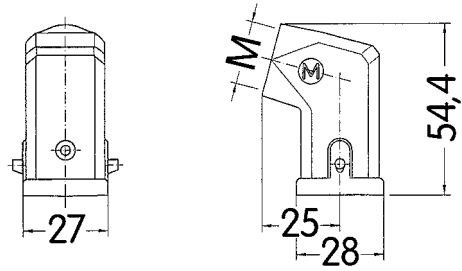
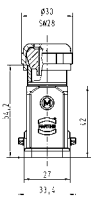
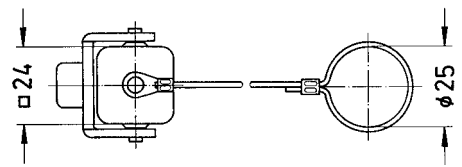
## Technical characteristics

|                                        |                                                        |
|----------------------------------------|--------------------------------------------------------|
| 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                                                    |

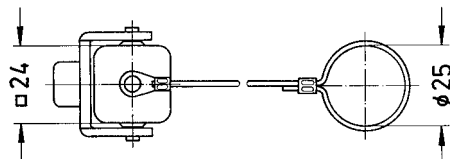
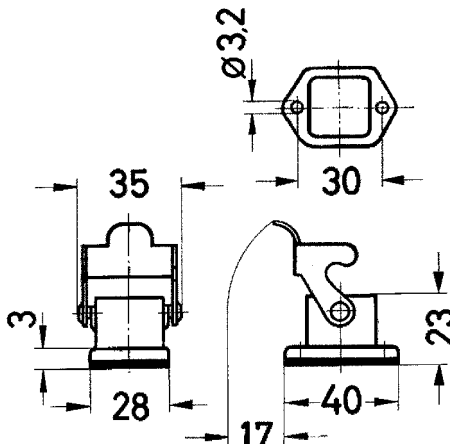
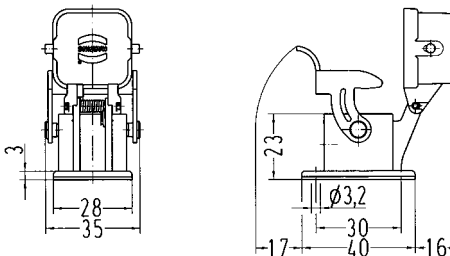
## Specifications and approvals

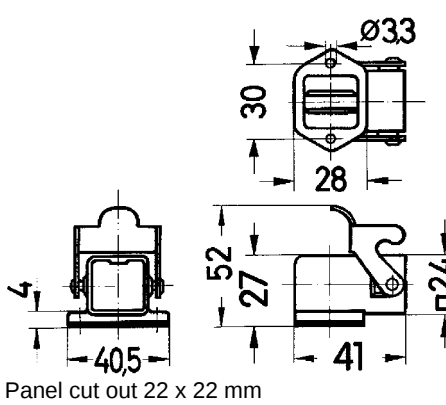
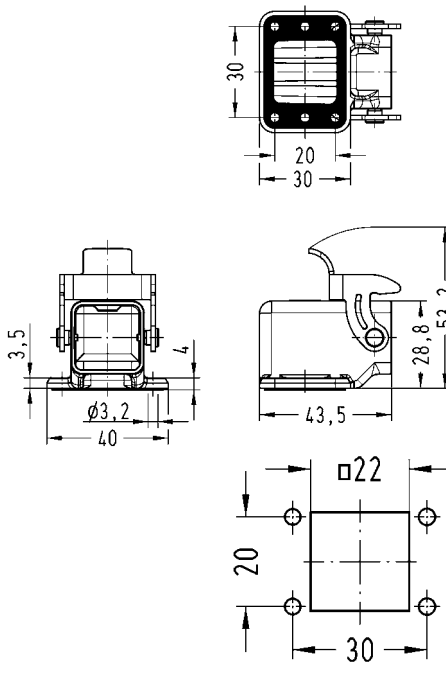
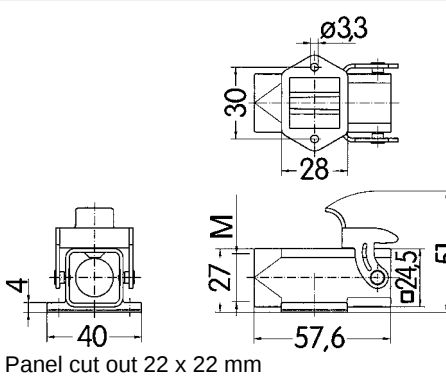


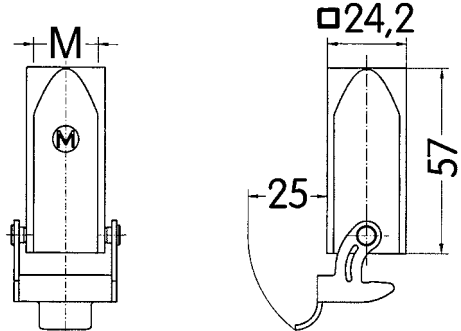
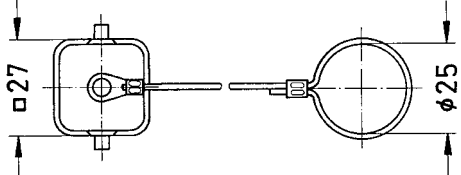
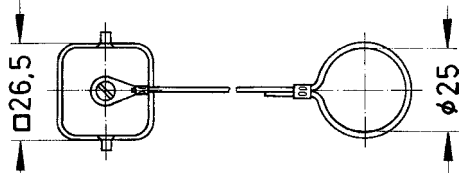
Metal hoods/housings for industrial applications  
double locking lever

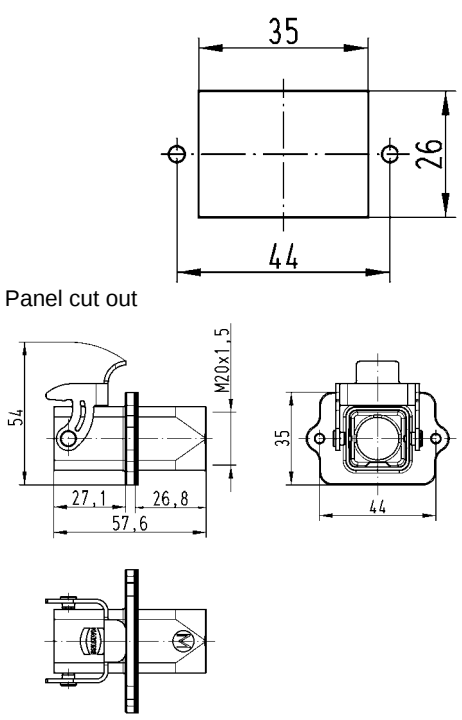
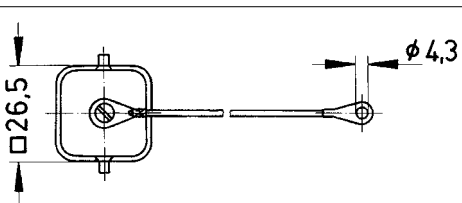
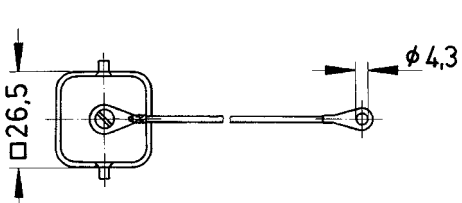
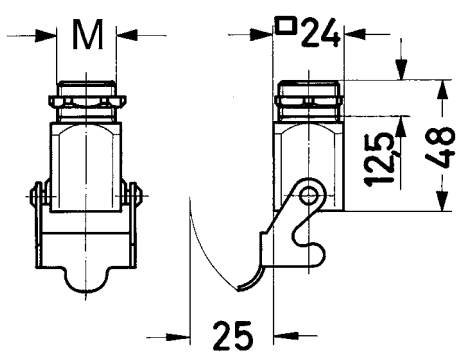
| Identification                                                                                                                                                                                             | Cable entry             | Part number                      | Drawing<br>Dimensions in mm                                                           |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|----------------------------------|---------------------------------------------------------------------------------------|
| Han A® ,<br>Hoods,<br>top entry                                                                                           | 1xM20                   | 19 20 003 1440                   |    |
| Han A® ,<br>Hoods,<br>side entry                                                                                        | 1xM20                   | 19 20 003 1640                   |  |
| Han A® ,<br>Hood with integrated cable gland,<br>top entry                                                              | 6...12 mm<br>11...17 mm | 19 20 003 1421<br>19 20 003 1422 |  |
| Han A® ,<br>Protection cover for hoods,<br>for mounted female insert,<br>metal,<br>with securing flex,<br>with sealing  |                         | 09 20 003 5421                   |  |

Hoods  
Housings

| 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

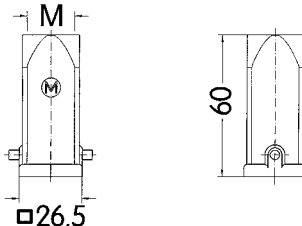
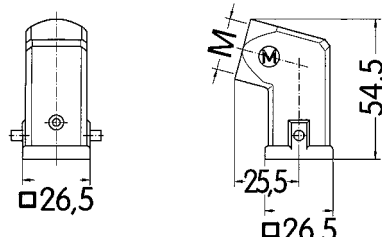
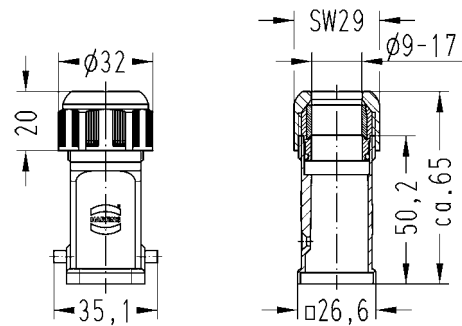
Technical characteristics

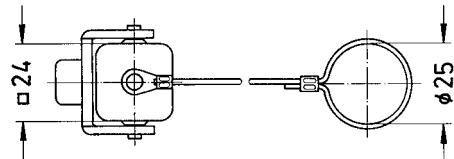
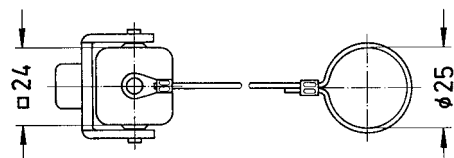
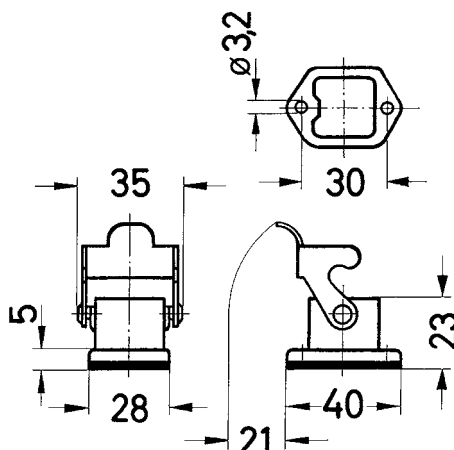
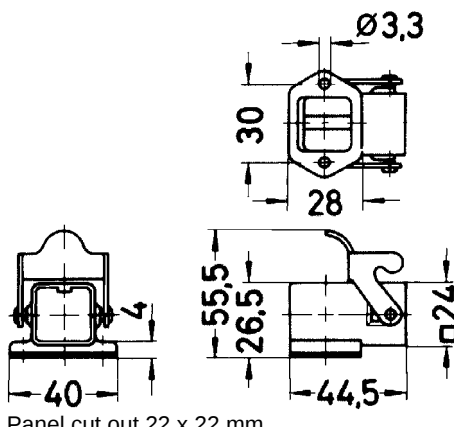
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|---------------------------------------------|--------------------------------------------------------|
| Limiting temperatures                       | -40 °C ... 125 °C                                      |
| Flammability (hoods/housings) acc. to 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                                                    |

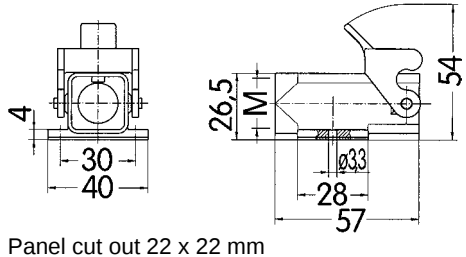
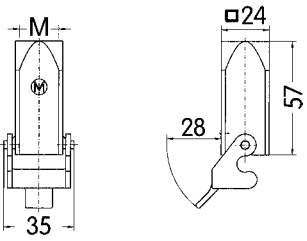
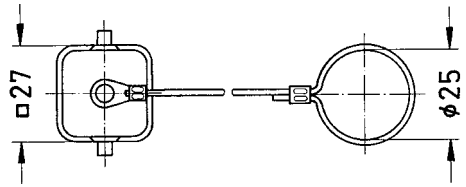
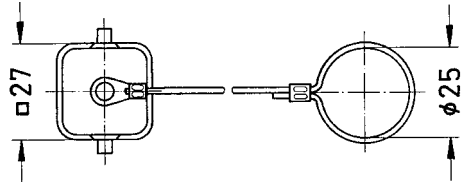
Specifications and approvals

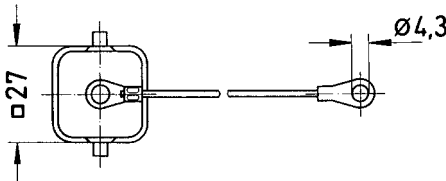
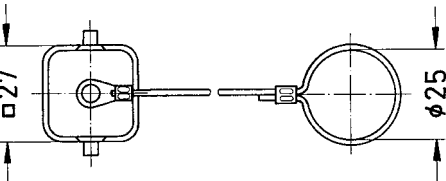
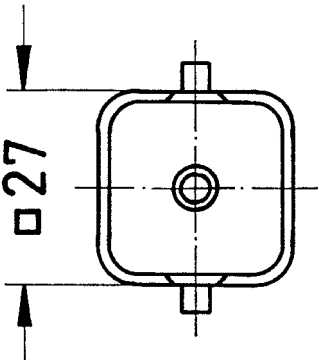


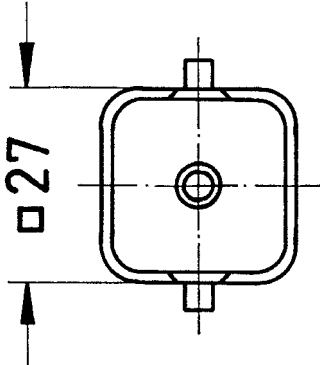
Plastic hoods/housings for industrial applications  
double locking lever

| 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                                                           |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|----------------|---------------------------------------------------------------------------------------|
| Han A®,<br>Surface mounted housings,<br>top entry<br><br>                                                                                                | 1xM20       | 19 20 003 0220 |    |
| Han A®,<br>Surface mounted housings,<br>top entry,<br>black                                                                                                                                                                               | 1xM20       | 19 20 003 0227 |                                                                                       |
| Han A®,<br>Cable to cable housings,<br>top entry<br><br>                                                                                                 | 1xM20       | 19 20 003 0720 |   |
| Han A®,<br>Cable to cable housings,<br>top entry,<br>black                                                                                                                                                                                | 1xM20       | 19 20 003 0727 |                                                                                       |
| 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<br><br> |             | 09 20 003 5447 |  |
| Han A®,<br>Protection cover for cable to cable hous-<br>ings,<br>for mounted male insert,<br>plastic,<br>with securing flex<br><br>                    |             | 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

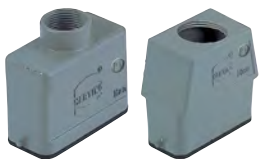
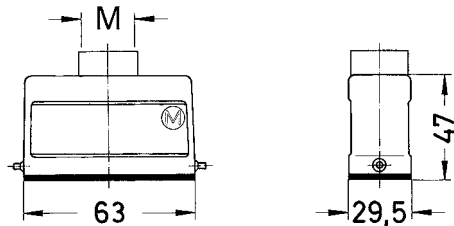
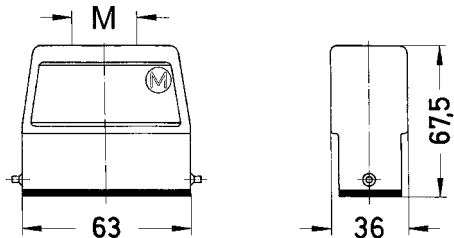
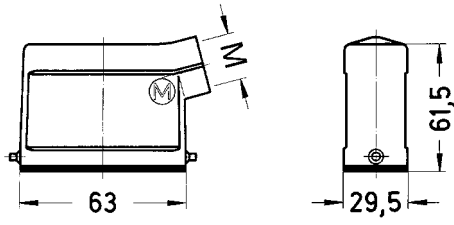
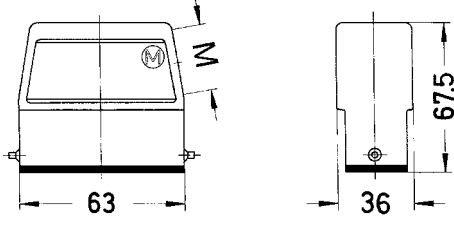
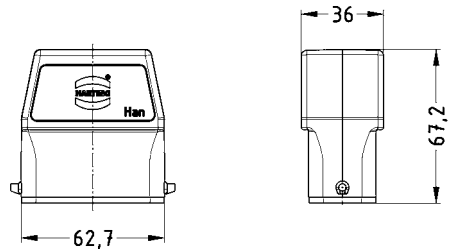
Technical characteristics

|                                            |                                 |
|--------------------------------------------|---------------------------------|
| 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                             |

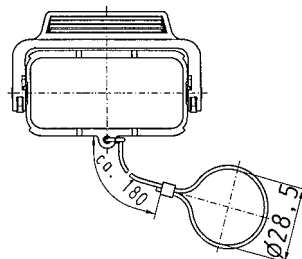
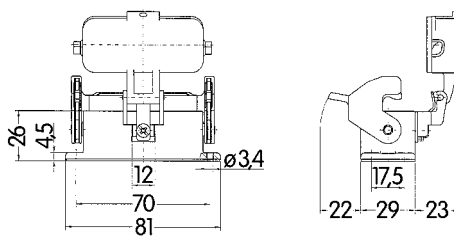
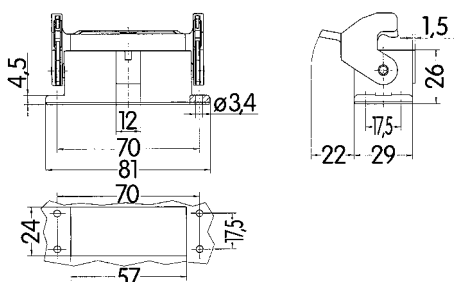
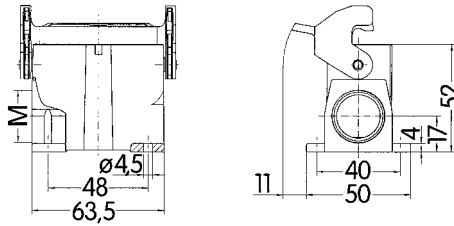
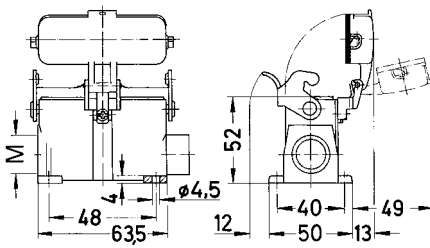
Specifications and approvals

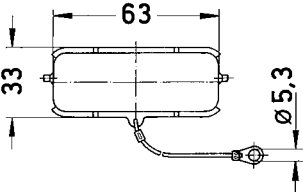


Metal hoods/housings for industrial applications  
single locking lever

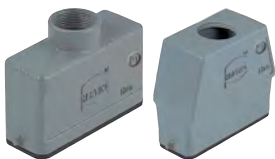
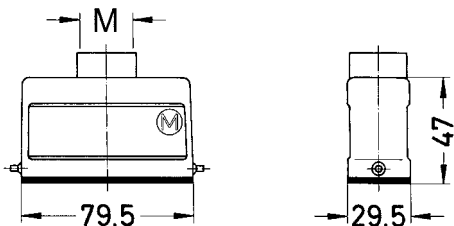
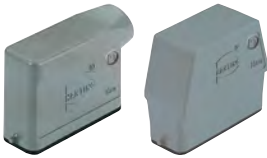
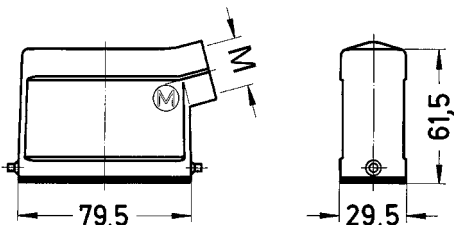
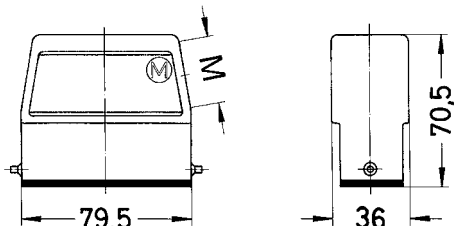
| Identification                                                                                                                      | Cable entry    | Part number         |                      | Drawing<br>Dimensions in mm                                                                           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

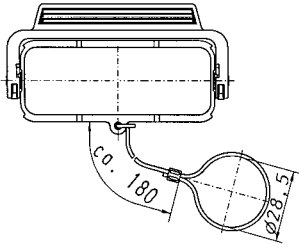
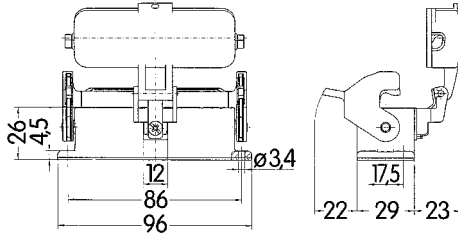
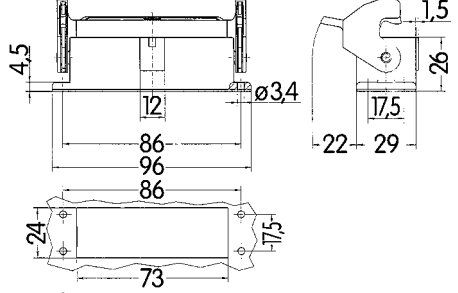
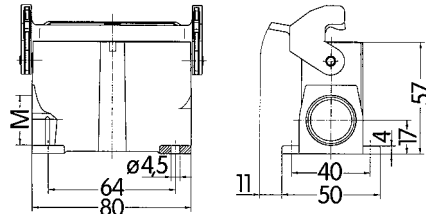
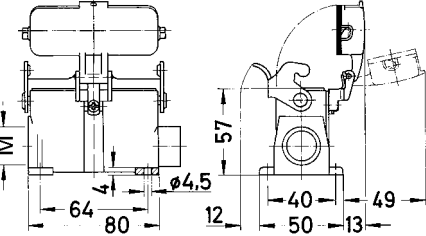
Hoods  
Housings

| 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     |                      |                                                                                                             |
| 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       |                                                                                                             |

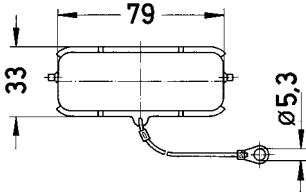
| Identification                                                                                                                                                                       | Cable entry | Part number         |                      | Drawing<br>Dimensions in mm                             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

Metal hoods/housings for industrial applications  
single locking lever

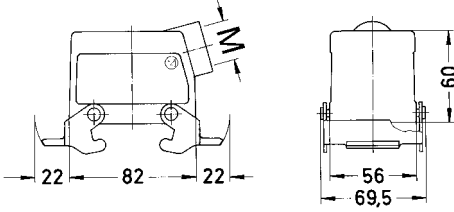
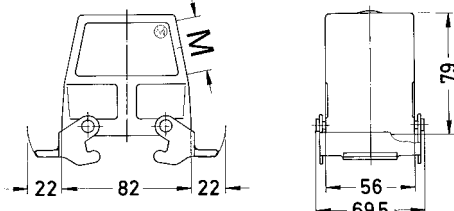
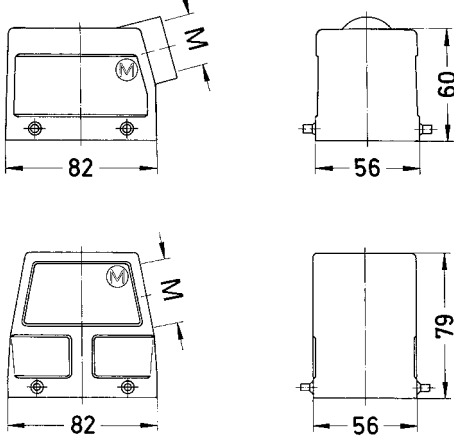
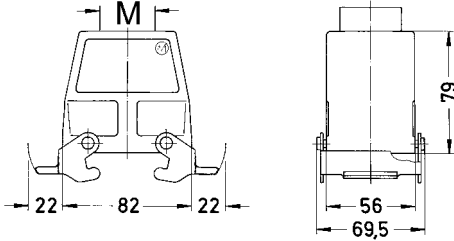
| Identification                                                                                                                  | Cable entry    | Part number         |                      | Drawing<br>Dimensions in mm                                                           |  |
|---------------------------------------------------------------------------------------------------------------------------------|----------------|---------------------|----------------------|---------------------------------------------------------------------------------------|--|
|                                                                                                                                 |                | 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                                              |                      |                      |

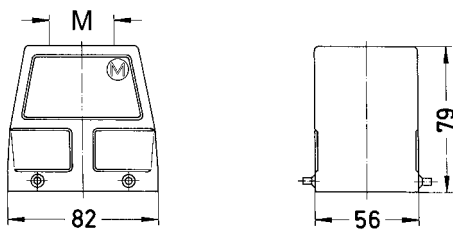
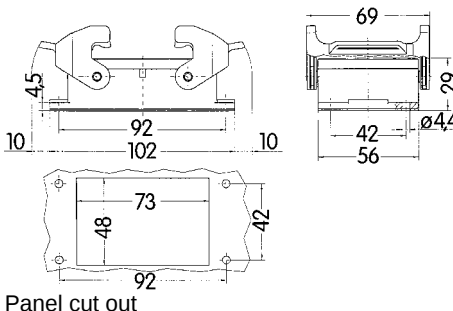
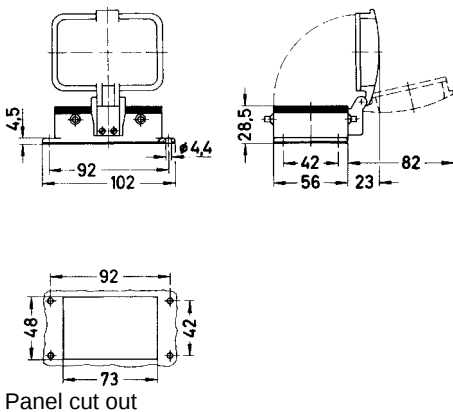
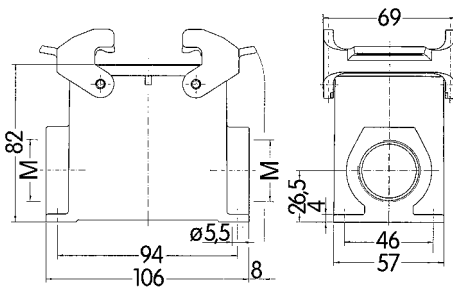


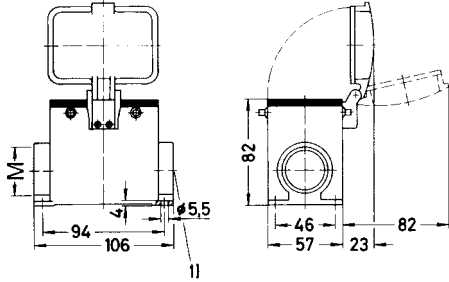
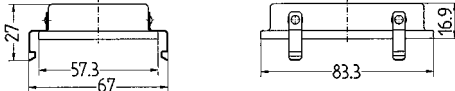
| Identification                                                                                                                                                             | Cable entry | Part number         |                      | Drawing<br>Dimensions in mm                                                                    |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|---------------------|----------------------|------------------------------------------------------------------------------------------------|
|                                                                                                                                                                            |             | 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       |                                                                                            |  |
| 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       |                                                                                          |  |

Hoods  
Housings

| 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> | 1xM25       |                     | 19 20 032 0226       |  <p>1) Blind way for one cable entry</p> |
| Han A®,<br>Protection cover for housings,<br>metal<br>                               |             | 09 20 032 5405      | 09 20 032 5405       |                                          |
| Han A®,<br>Protection cover for hoods,<br>metal<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)

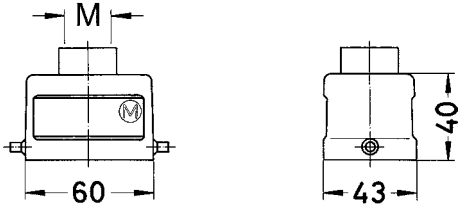
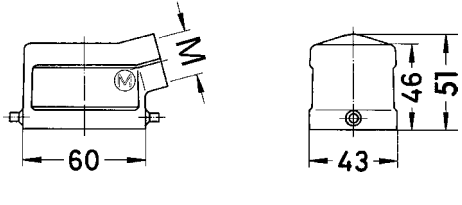
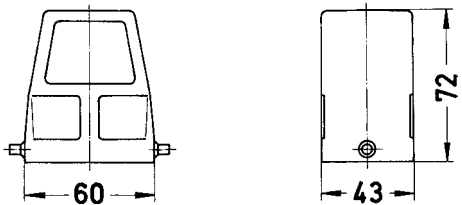
## Technical characteristics

|                                            |                                                  |
|--------------------------------------------|--------------------------------------------------|
| 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                                              |

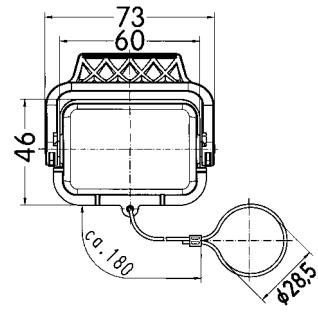
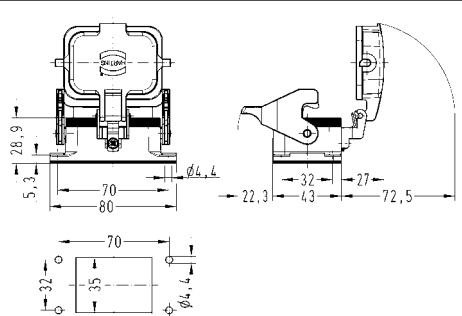
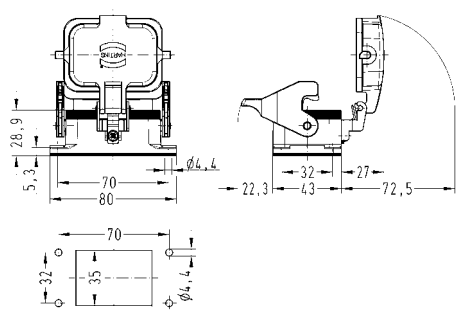
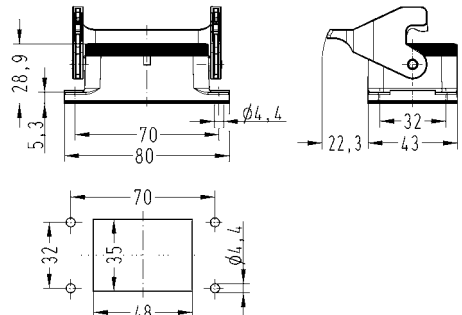
## Specifications and approvals

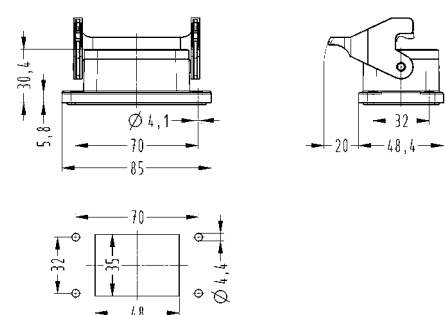
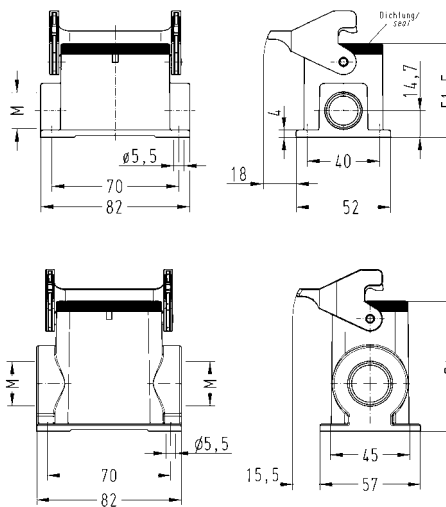
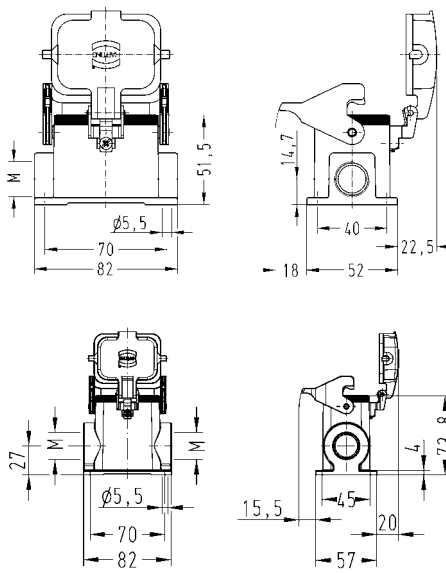


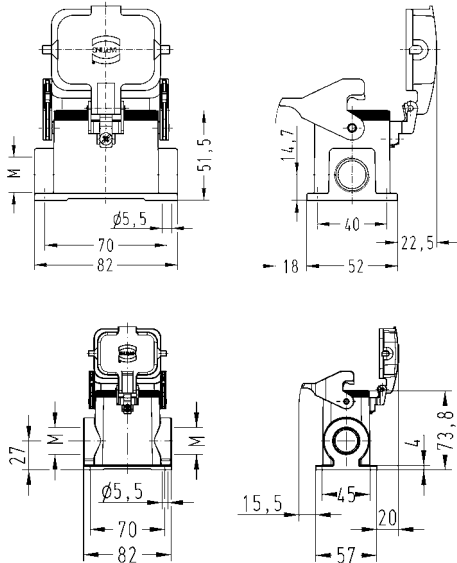
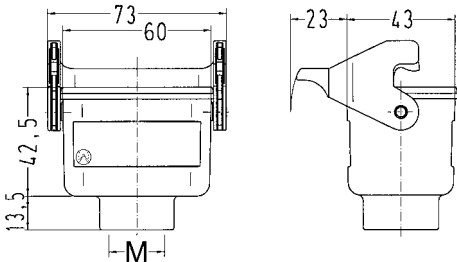
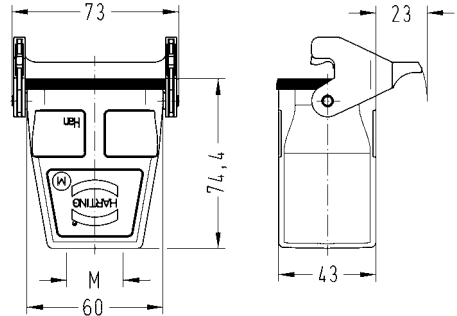
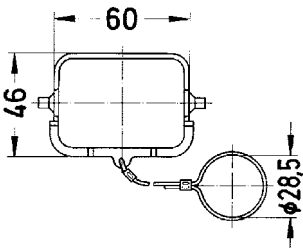
single locking lever

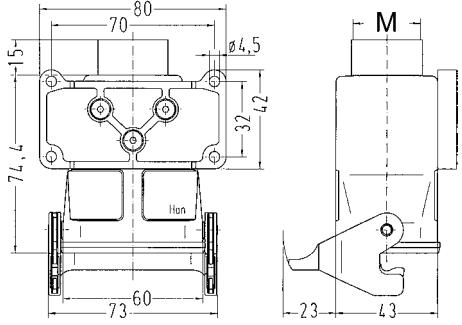
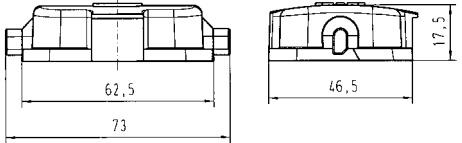
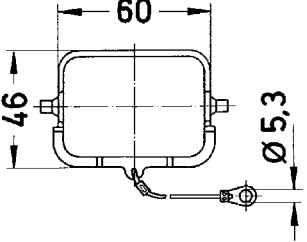
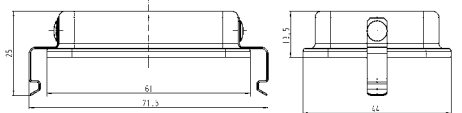
| Identification                                                                                                                  | Cable entry             | Part number                      |                                  | Drawing<br>Dimensions in mm                                                           |  |
|---------------------------------------------------------------------------------------------------------------------------------|-------------------------|----------------------------------|----------------------------------|---------------------------------------------------------------------------------------|--|
|                                                                                                                                 |                         | 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> |             | 09 30 006 5423      | 09 30 006 5423       |                         |
| Han® B,<br>Bulkhead mounted housings,<br>Han-Easy Lock®,<br>with thermo-plastic cover<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>            |             | 09 30 006 0318      |                      |  <p>Panel cut out</p> |
| Han® B,<br>Bulkhead mounted housings,<br>Han-Easy Lock®<br>                                 |             | 09 30 006 0301      |                      |  <p>Panel cut out</p> |

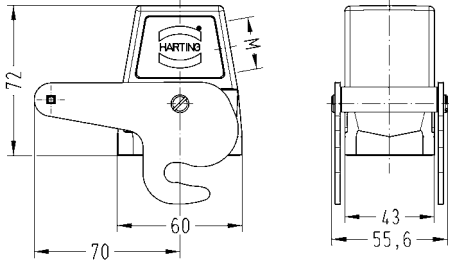
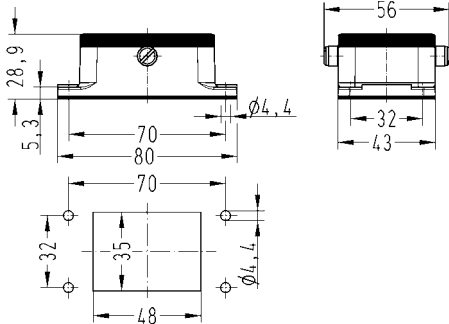
| Identification                                                                                                                                                                                 | Cable entry                      | Part number                      |                                  | Drawing<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       |  |

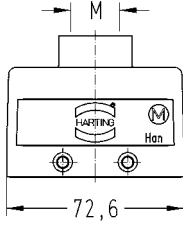
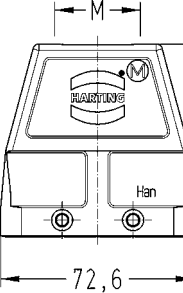
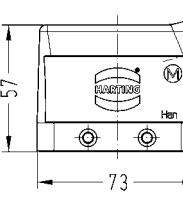
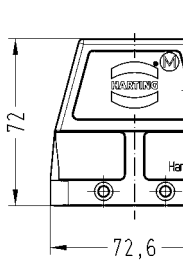
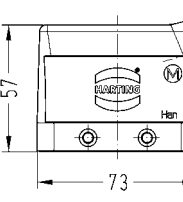
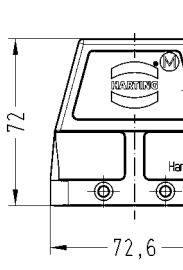


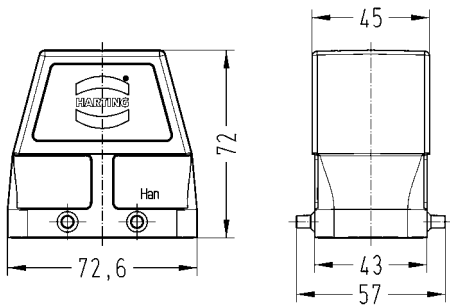
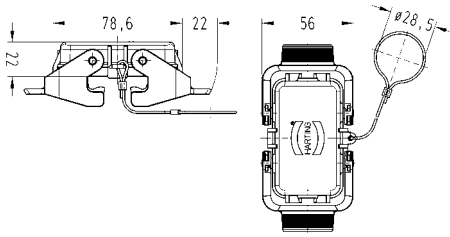
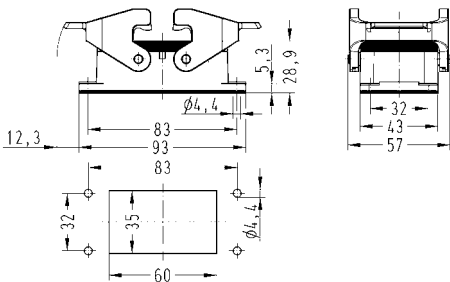
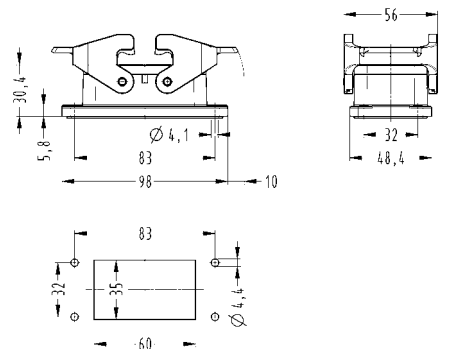
central locking lever

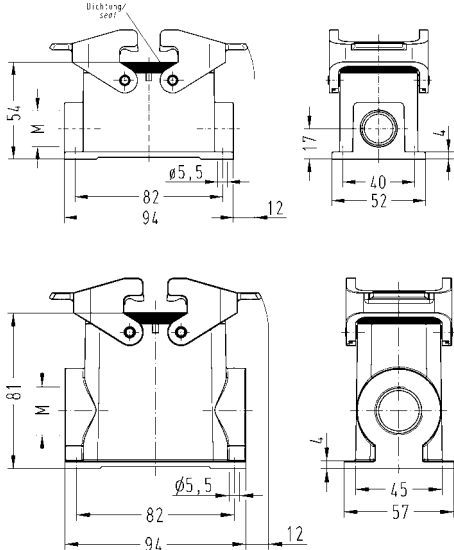
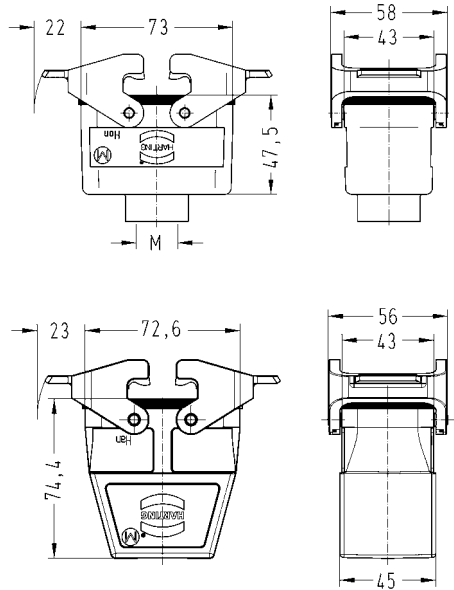
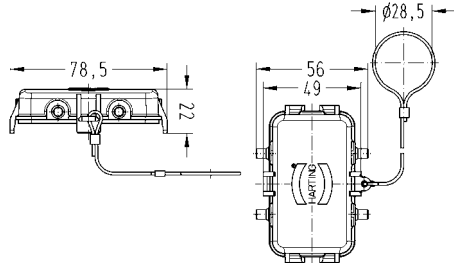
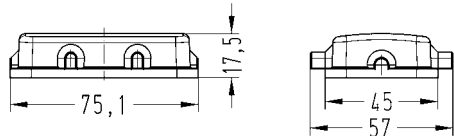
| Identification                                                                                                                                  | Cable entry    | Part number         |                                  | Drawing<br>Dimensions in mm                                                                                              |
|-------------------------------------------------------------------------------------------------------------------------------------------------|----------------|---------------------|----------------------------------|--------------------------------------------------------------------------------------------------------------------------|
|                                                                                                                                                 |                | 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> |

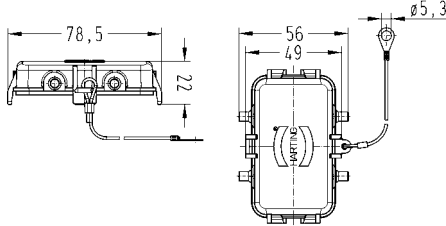
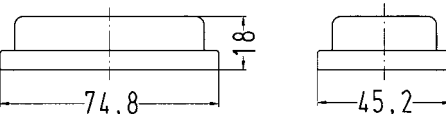
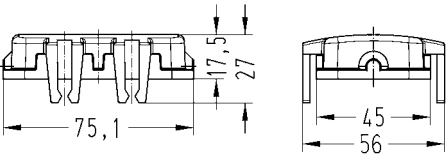
Hoods  
Housings

double locking lever

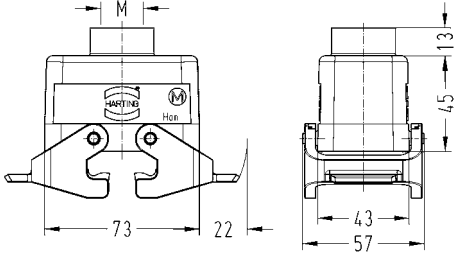
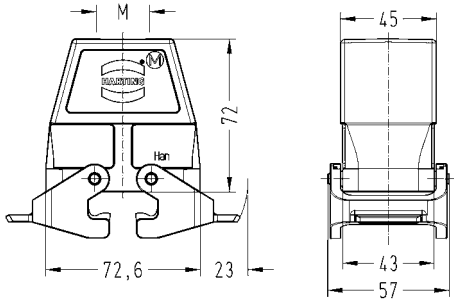
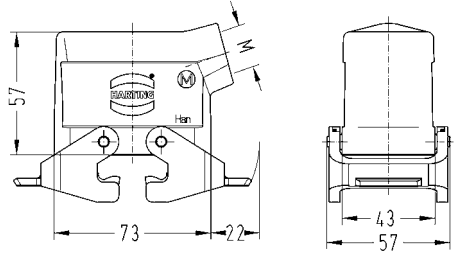
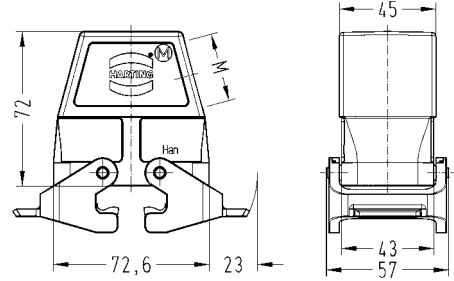
| Identification                                                                                                         | Cable entry                               | Part number                      |                                                    | Drawing<br>Dimensions in mm                                                                                                                                                                                                                                                                                                                          |
|------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------|----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                                        |                                           | 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 |     |
| 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                                     |                                                                                                                                                                            |

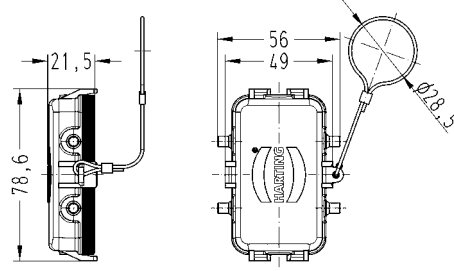
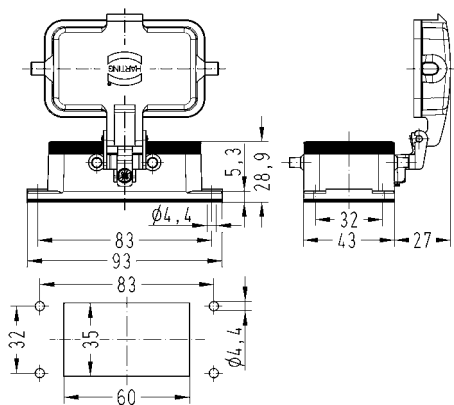
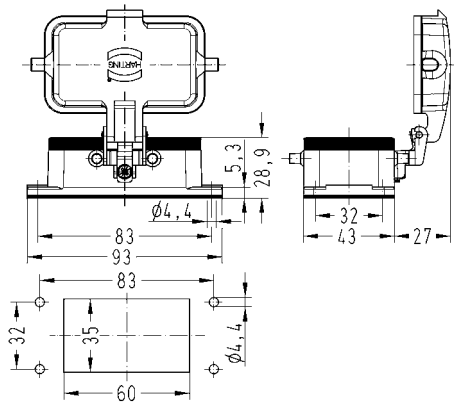
| Identification                                                                                                                                                                 | Cable entry | Part number         |                      | Drawing<br>Dimensions in mm                                                                                |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|---------------------|----------------------|------------------------------------------------------------------------------------------------------------|
|                                                                                                                                                                                |             | 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      |                      |                       |

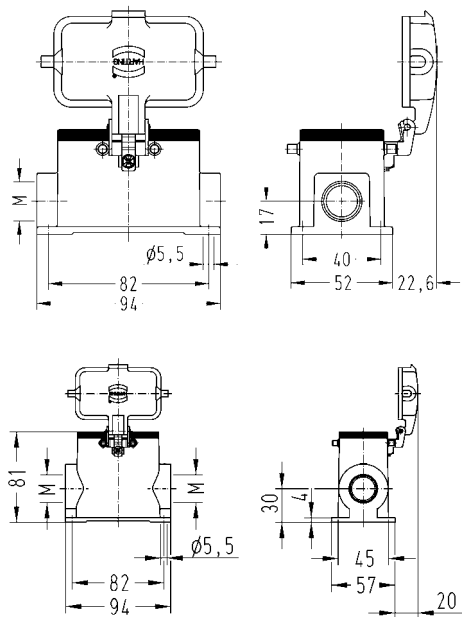
| Identification                                                                                                                                                                         | Cable entry                               | Part number                                        |                 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

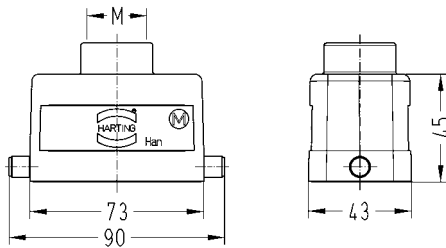
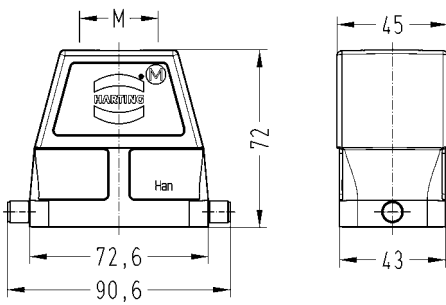
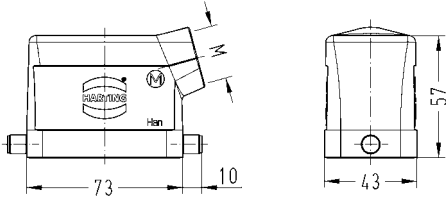
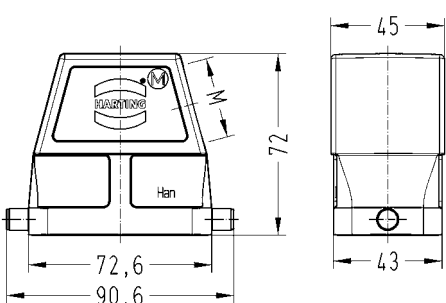
double locking lever

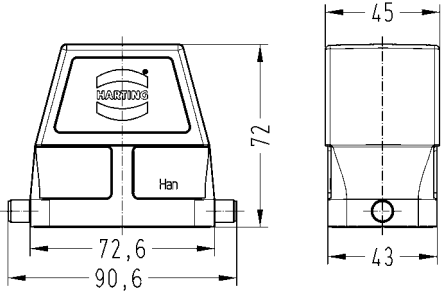
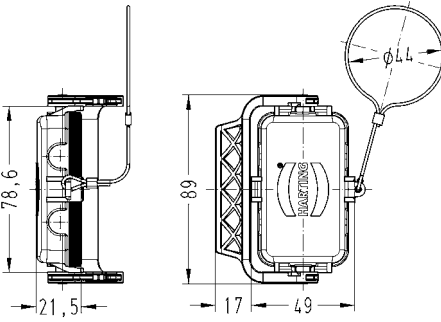
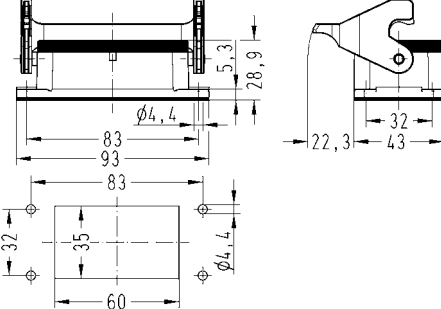
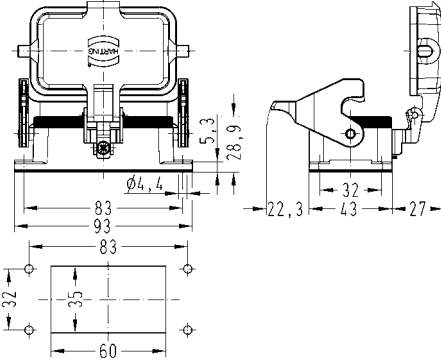
| Identification                                                                                                                            | Cable entry    | Part number         |                      | Drawing<br>Dimensions in mm                                                           |
|-------------------------------------------------------------------------------------------------------------------------------------------|----------------|---------------------|----------------------|---------------------------------------------------------------------------------------|
|                                                                                                                                           |                | 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       |   |
|                                                                                                                                           |                |                     |                      |  |
|                                                                                                                                           |                |                     |                      |  |

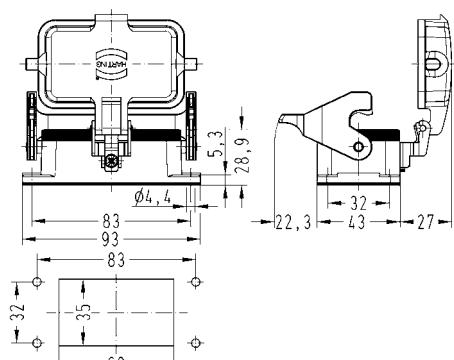
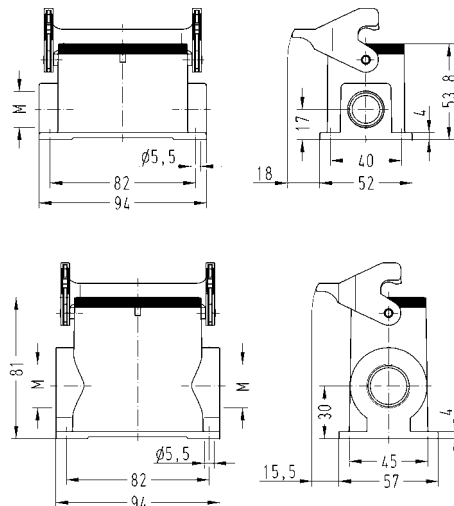
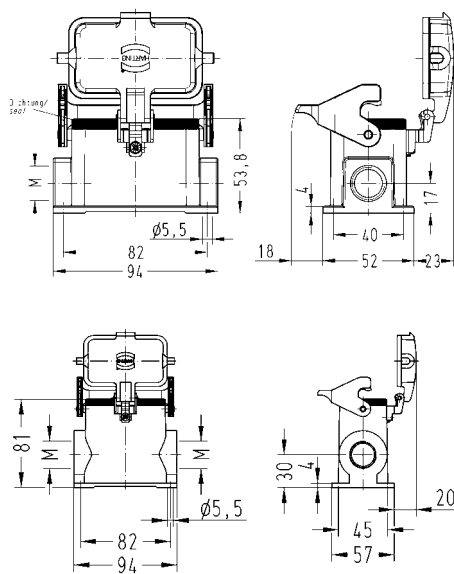
| Identification                                                                                                                                              | Cable entry | Part number         |                      | Drawing<br>Dimensions in mm                                                                                |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|---------------------|----------------------|------------------------------------------------------------------------------------------------------------|
|                                                                                                                                                             |             | 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> |

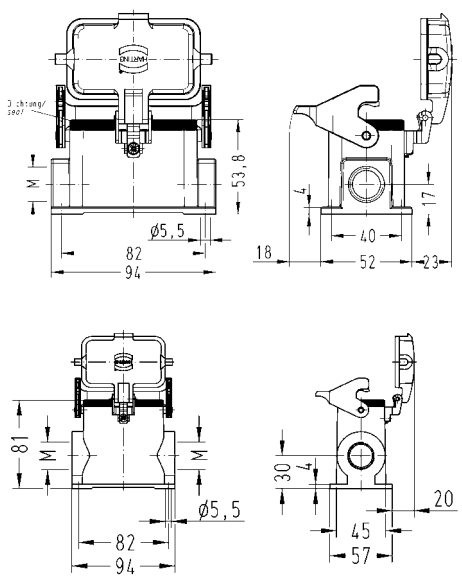
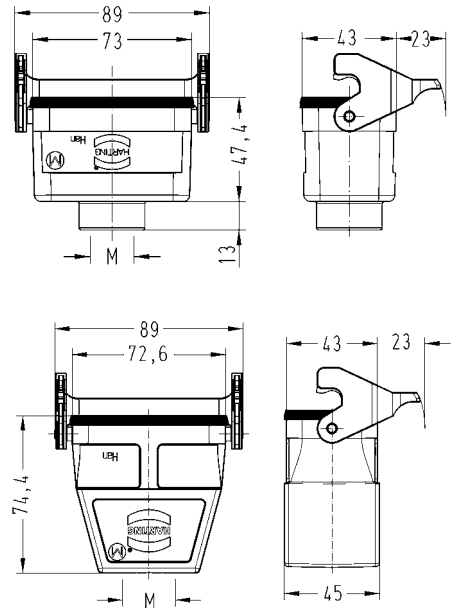
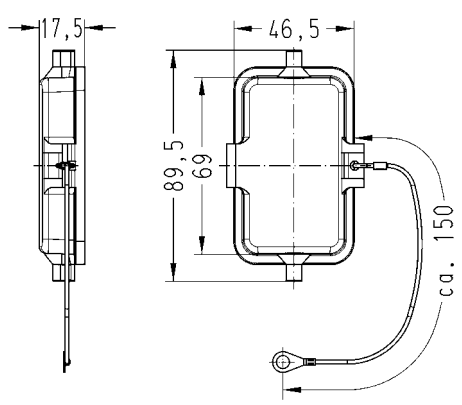
| Identification                                                                                                                                                        | Cable entry             | Part number                      |                      | Drawing<br>Dimensions in mm                                                         |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|----------------------------------|----------------------|-------------------------------------------------------------------------------------|
|                                                                                                                                                                       |                         | 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       |   |

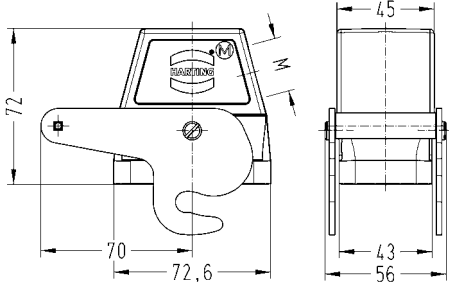
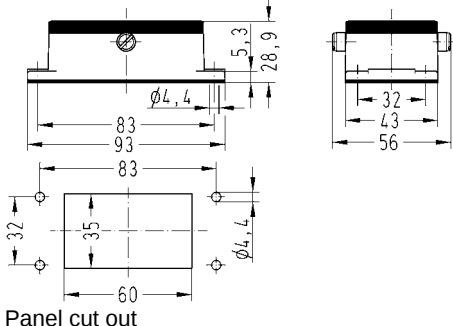
| Identification                                                                                                                                                                 | Cable entry | Part number         |                      | Drawing<br>Dimensions in mm                                                                                |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|---------------------|----------------------|------------------------------------------------------------------------------------------------------------|
|                                                                                                                                                                                |             | 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 |                     |

| Identification                                                                                                                                                                          | Cable entry                      | Part number           |                                          | Drawing<br>Dimensions in mm                                                           |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|-----------------------|------------------------------------------|---------------------------------------------------------------------------------------|
|                                                                                                                                                                                         |                                  | Low<br>construction   | High<br>construction                     |                                                                                       |
| <p>Han® B,<br/>Surface mounted housings,<br/>side entry,<br/>Han-Easy Lock®,<br/>with metal cover</p>  | <p>2xM20<br/>2xM25</p>           | <p>19 30 010 2295</p> | <p>19 30 010 7296</p>                    |    |
| <p>Han® B,<br/>Cable to cable housings,<br/>top entry,<br/>Han-Easy Lock®</p>                        | <p>1xM20<br/>1xM25<br/>1xM32</p> | <p>19 30 010 1750</p> | <p>19 30 010 0756<br/>19 30 010 0757</p> |   |
| <p>Han® B,<br/>Protection cover for housings,<br/>plastic,<br/>with securing flex</p>                |                                  | <p>09 30 010 5412</p> | <p>09 30 010 5412</p>                    |  |

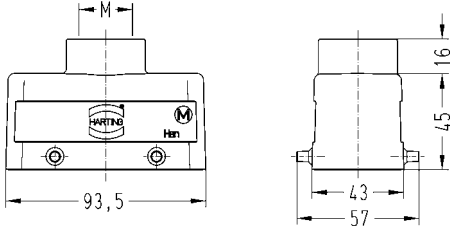
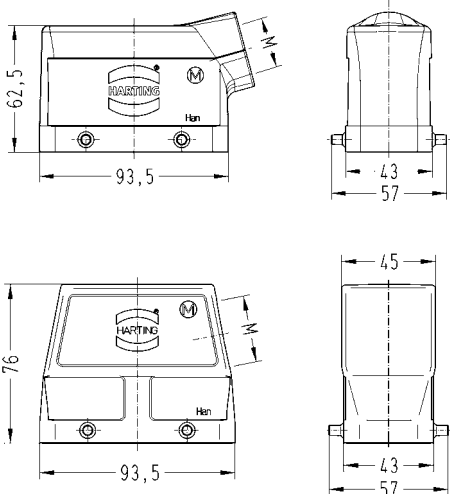
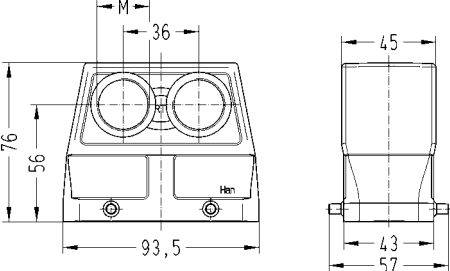


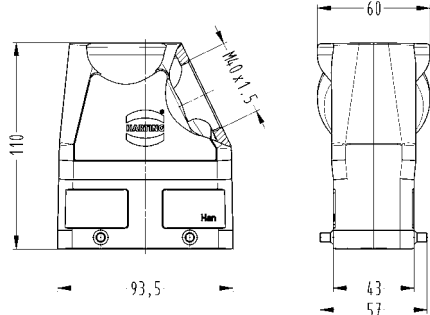
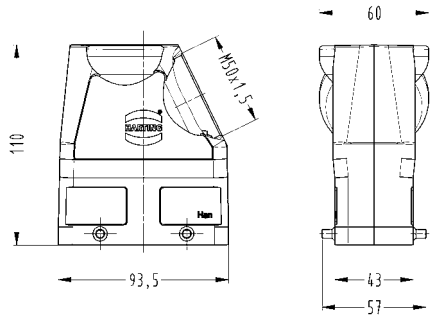
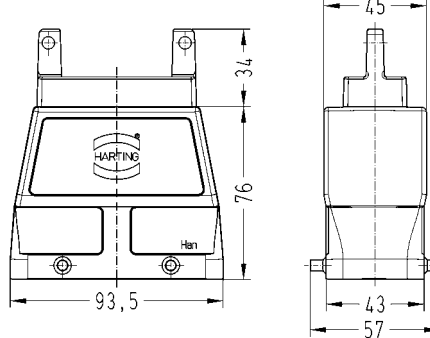
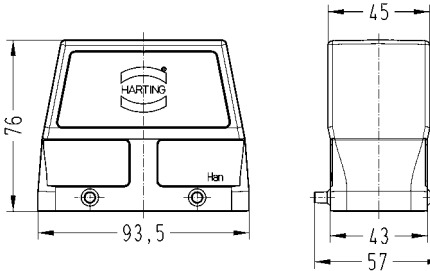
central locking lever

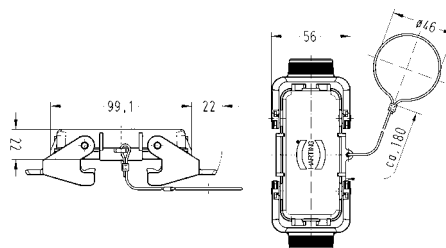
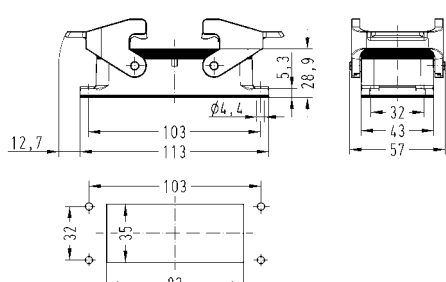
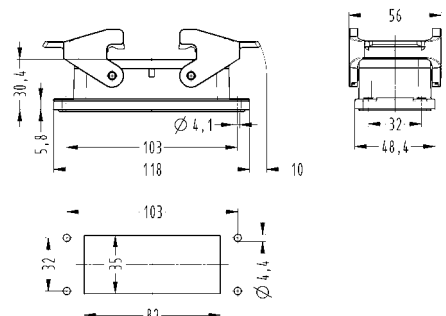
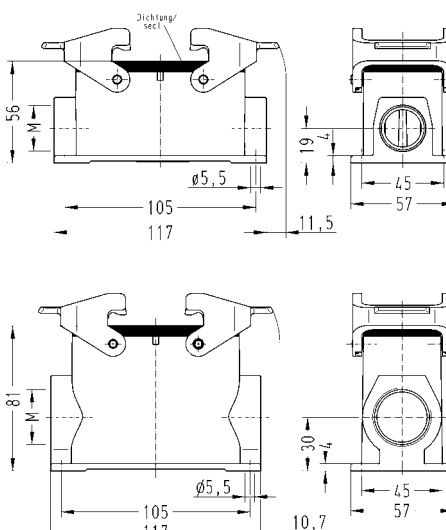
| Identification                                                                                                                                  | Cable entry | Part number         |                      | Drawing<br>Dimensions in mm                                                                                              |
|-------------------------------------------------------------------------------------------------------------------------------------------------|-------------|---------------------|----------------------|--------------------------------------------------------------------------------------------------------------------------|
|                                                                                                                                                 |             | 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> |

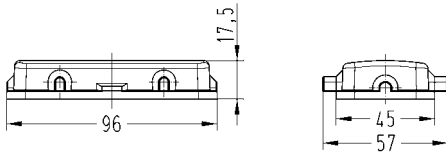
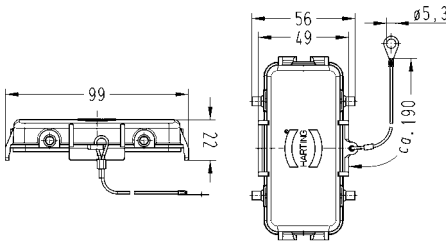
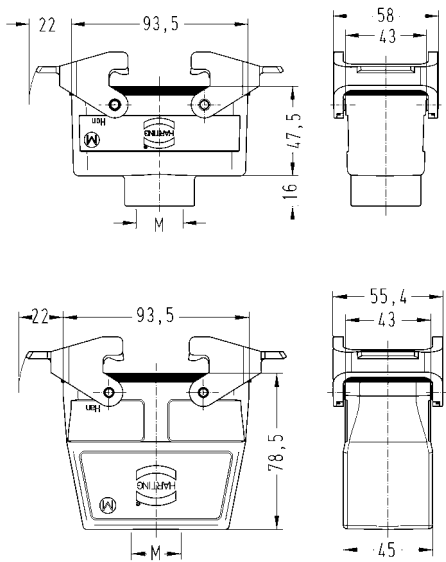
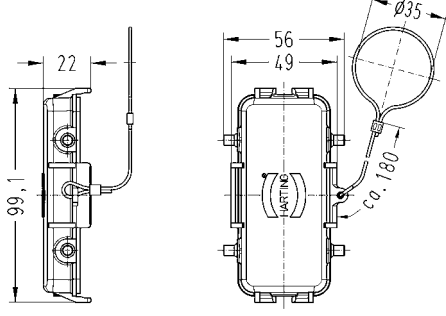
Hoods  
Housings

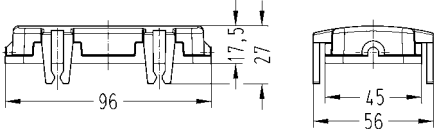
double locking lever

| 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                                     |  |

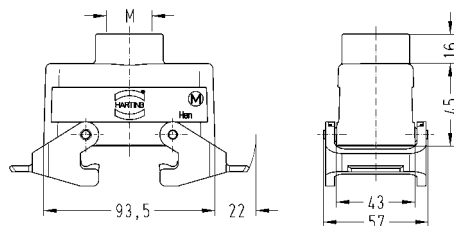
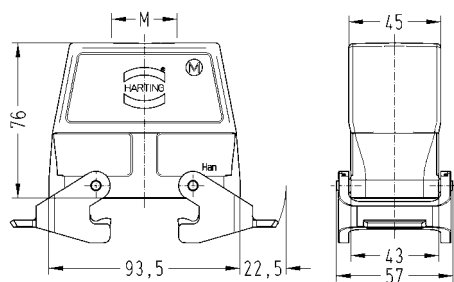
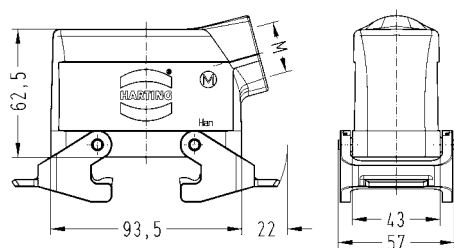
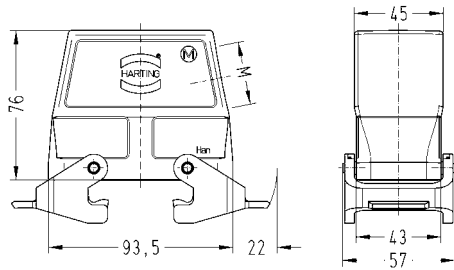
| Identification                                                                                                                        | Cable entry    | Part number         |                                  | Drawing<br>Dimensions in mm                                                           |
|---------------------------------------------------------------------------------------------------------------------------------------|----------------|---------------------|----------------------------------|---------------------------------------------------------------------------------------|
|                                                                                                                                       |                | 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                   |  |

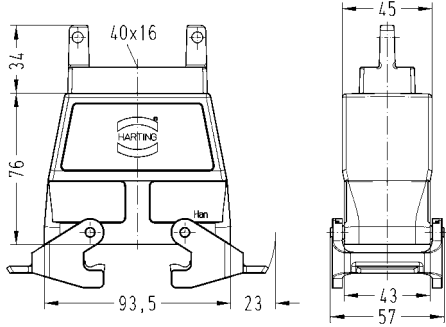
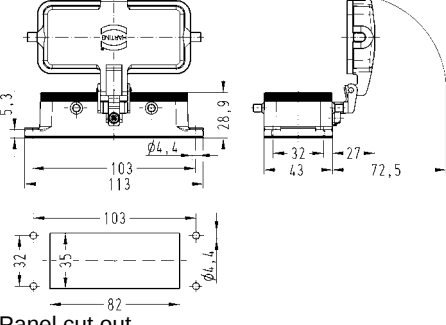
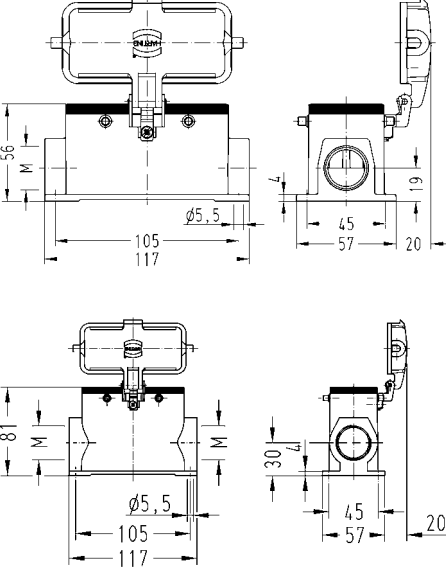
| Identification                                                                                                                                                                     | Cable entry                               | Part number                      |                                                                      | 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                   |                                                                                       |

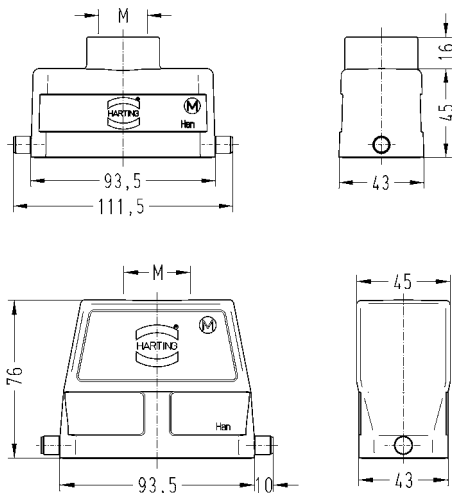
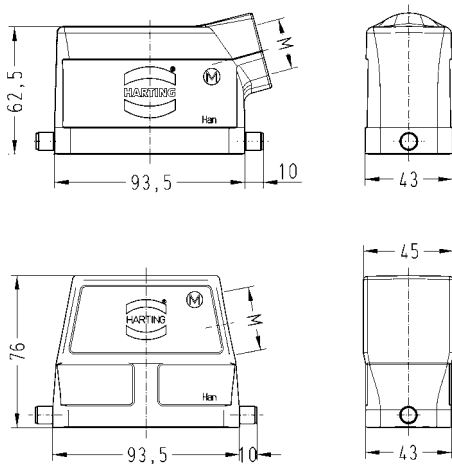
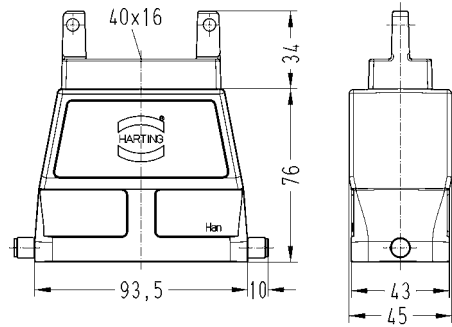
| Identification                                                                                                                                                                                 | Cable entry | Part number         |                      | Drawing<br>Dimensions in mm                   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

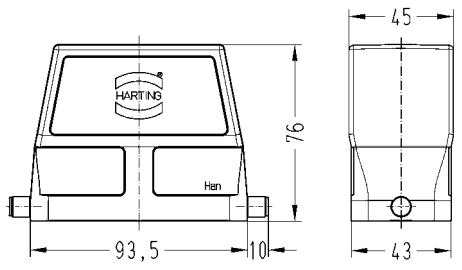
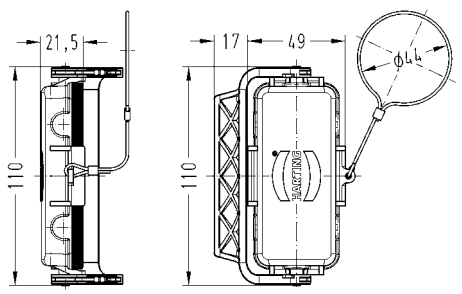
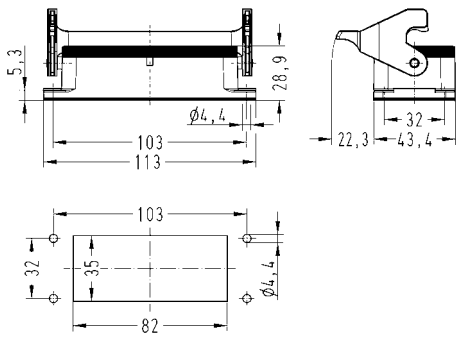
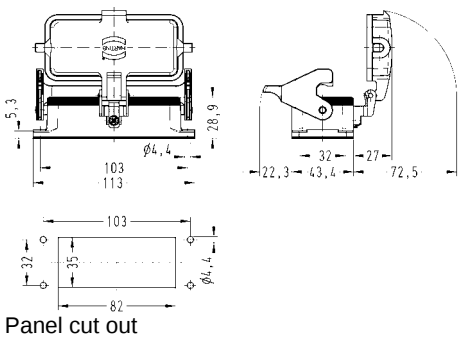
double locking lever

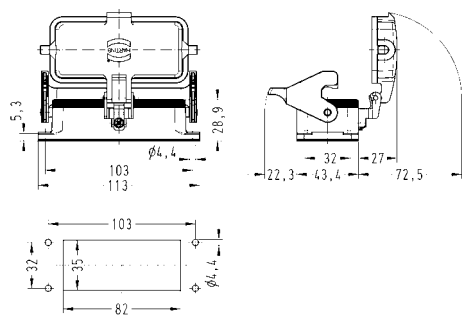
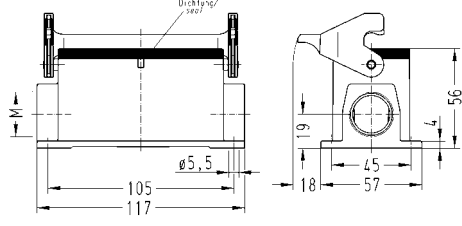
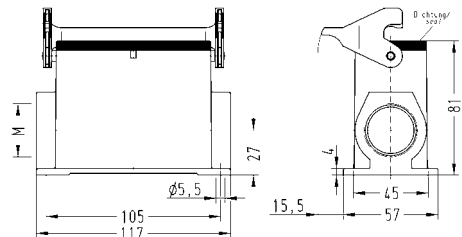
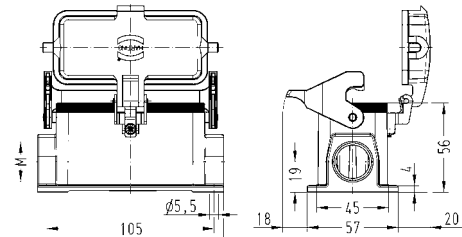
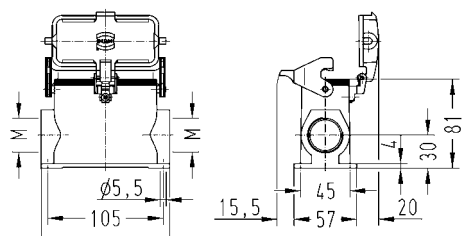
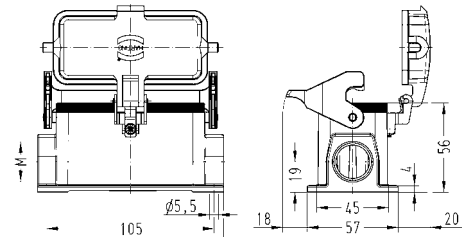
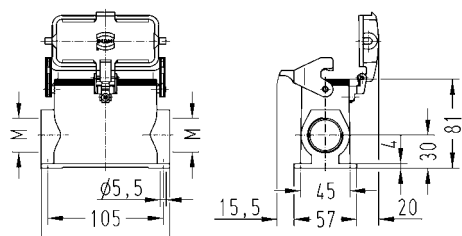
| Identification                                                                                                                            | Cable entry             | Part number                      |                                  | Drawing<br>Dimensions in mm                                                                                                                                                                                                                                      |
|-------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|----------------------------------|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                                                           |                         | 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 |    |

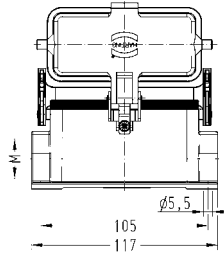
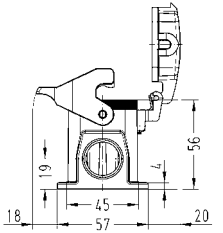
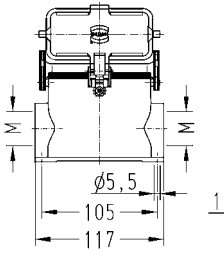
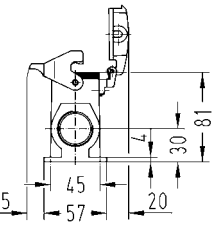
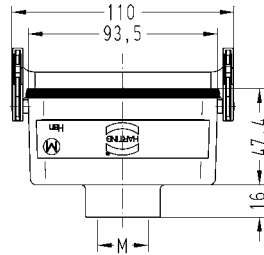
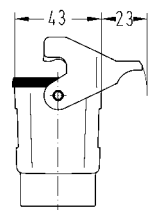
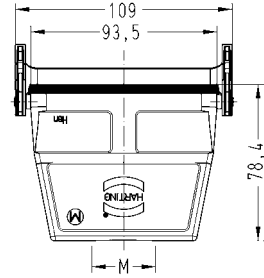
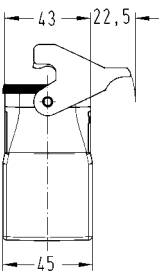
| Identification                                                                                                                                                       | Cable entry             | Part number                      |                      | Drawing<br>Dimensions in mm                    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

single locking lever

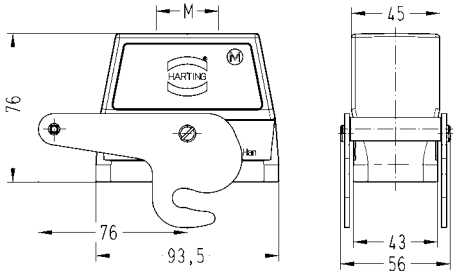
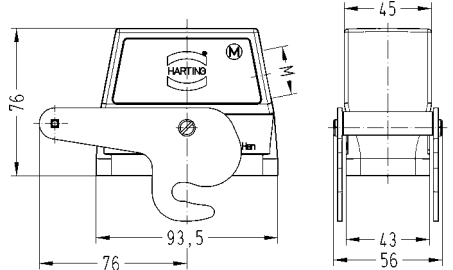
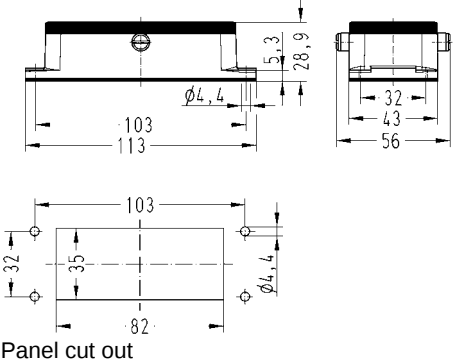
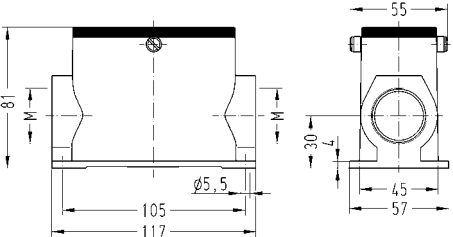
| Identification                                                                                                               | Cable entry             | Part number                      |                                  | Drawing<br>Dimensions in mm                                                           |
|------------------------------------------------------------------------------------------------------------------------------|-------------------------|----------------------------------|----------------------------------|---------------------------------------------------------------------------------------|
|                                                                                                                              |                         | 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> |

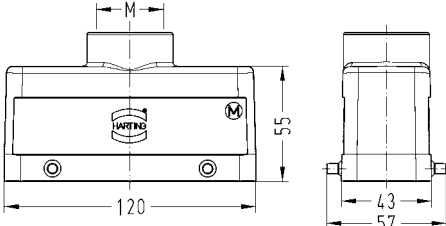
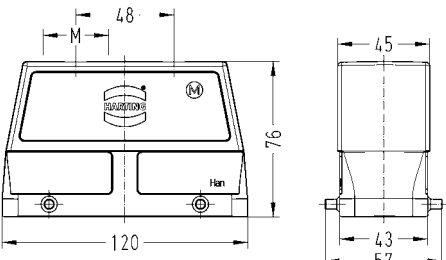
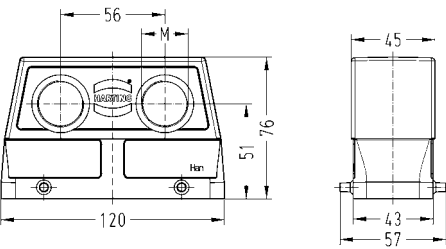
| Identification                                                                                                                                                                             | Cable entry                      | Part number                      |                                                    | 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                   |                                                    |  <p>Panel cut out</p>                                                                                                                                                                                                                                              |
| 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 |     |
| 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                                     |                                                                                                                                                                             |

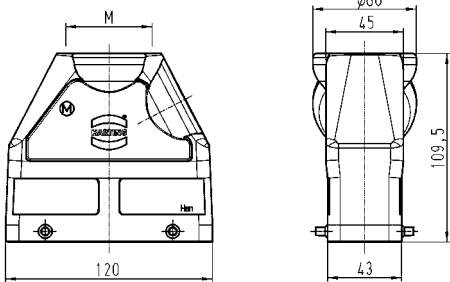
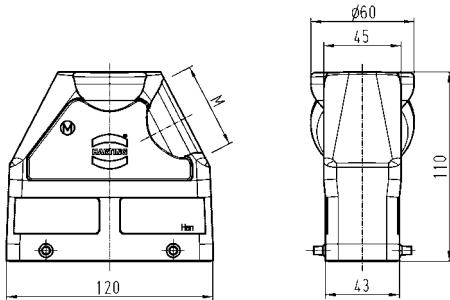
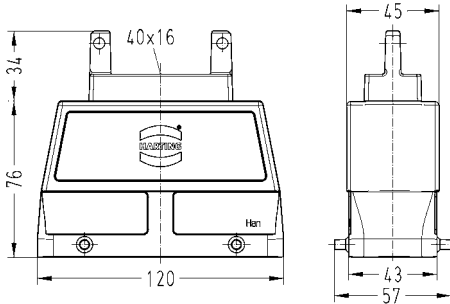
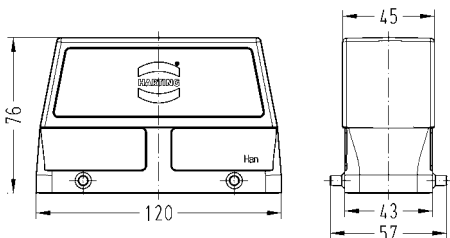
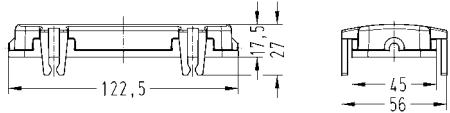
| Identification                                                                                                                                                                                                                                     | Cable entry    | Part number                      |                      | 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>  |

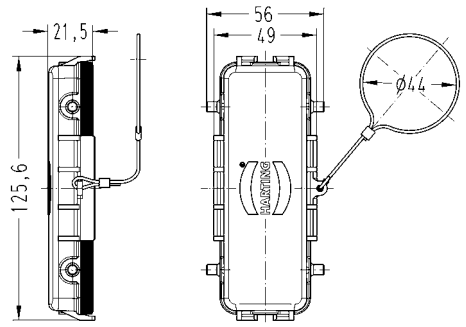
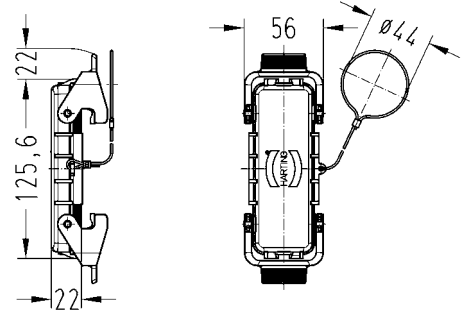
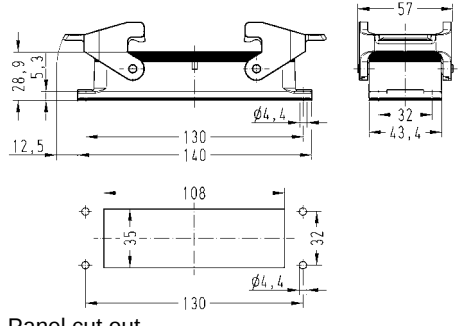
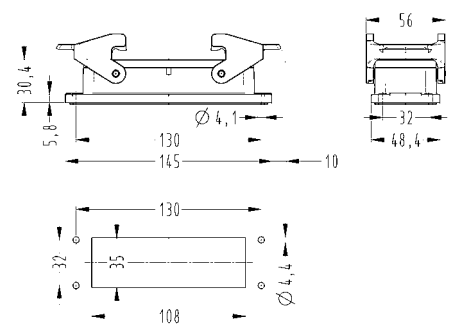
central locking lever

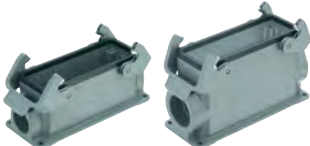
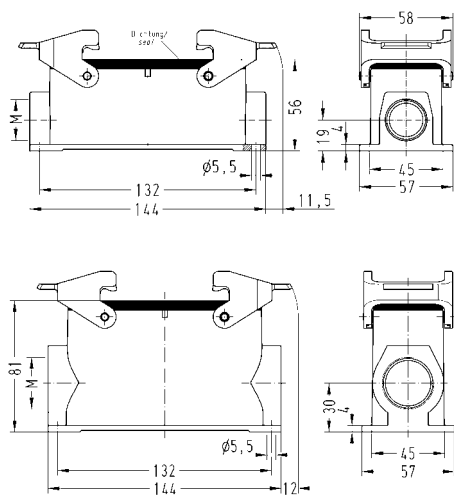
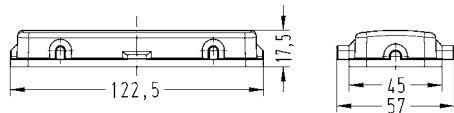
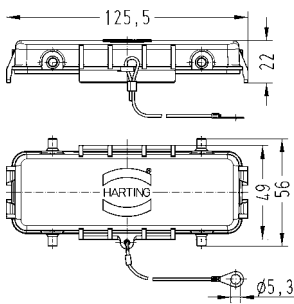
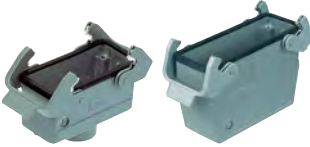
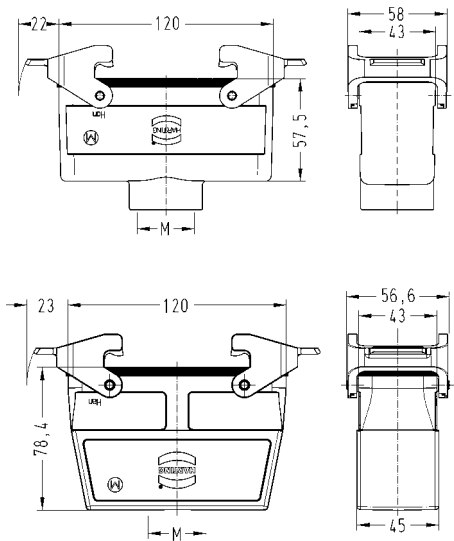
| Identification                                                                                                                            | Cable entry    | Part number         |                                  | Drawing<br>Dimensions in mm                                                                                |
|-------------------------------------------------------------------------------------------------------------------------------------------|----------------|---------------------|----------------------------------|------------------------------------------------------------------------------------------------------------|
|                                                                                                                                           |                | 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                   |                       |

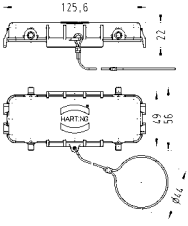
double locking lever

| 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                                                       |  |

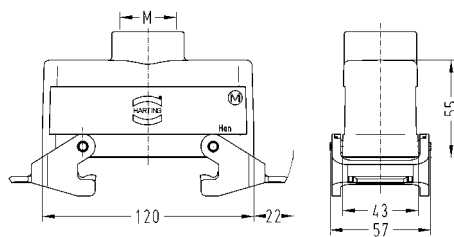
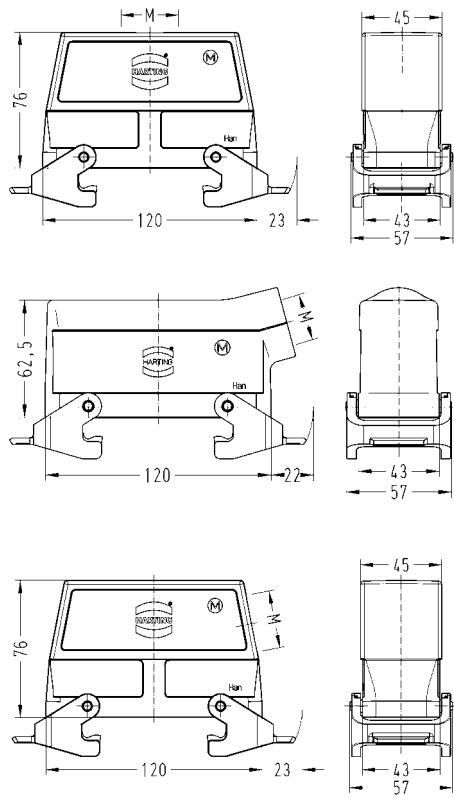
| Identification                                                                                                                                                   | Cable entry    | Part number         |                                  | Drawing<br>Dimensions in mm                                                           |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|---------------------|----------------------------------|---------------------------------------------------------------------------------------|
|                                                                                                                                                                  |                | 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                   |  |

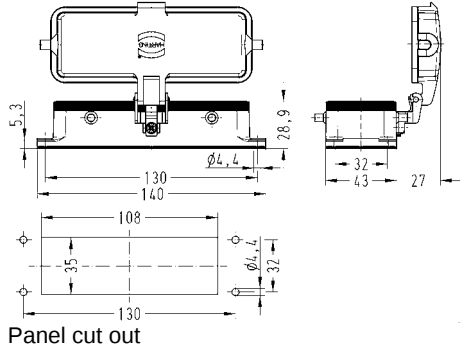
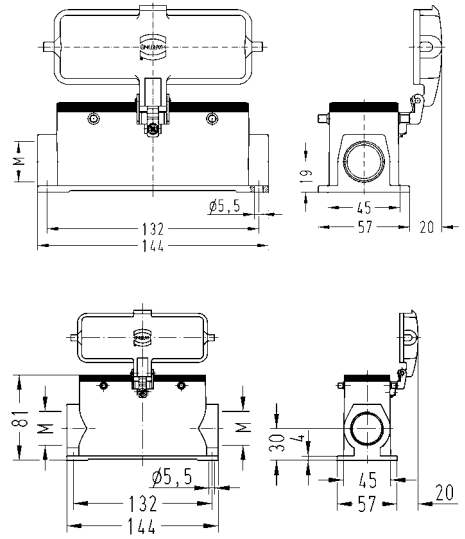
| Identification                                                                                                                                                                     | Cable entry | Part number         |                      | Drawing<br>Dimensions in mm                                                           |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|---------------------|----------------------|---------------------------------------------------------------------------------------|
|                                                                                                                                                                                    |             | 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><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><br>                            |                                           | 09 30 024 5405                   | 09 30 024 5405                                     |    |
| Han® B,<br>Cover for housings,<br>metal,<br>with securing flex<br><br>      |                                           | 09 30 024 5425                   | 09 30 024 5425                                     |  |
| Han® B,<br>Cable to cable housings,<br>top entry,<br>Han-Easy Lock®<br><br> | 1xM32<br>1xM40                            | 19 30 024 1732                   | 19 30 024 0737<br>19 30 024 0738                   |  |

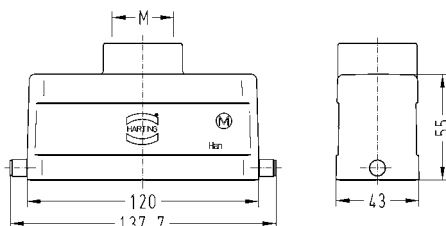
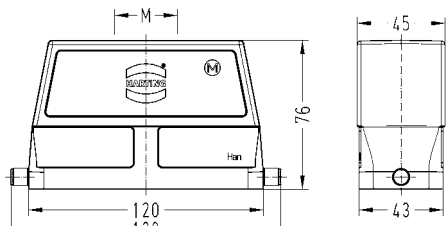
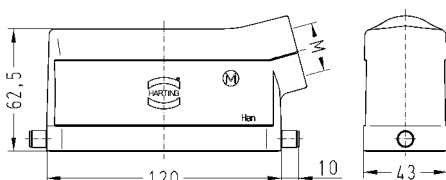
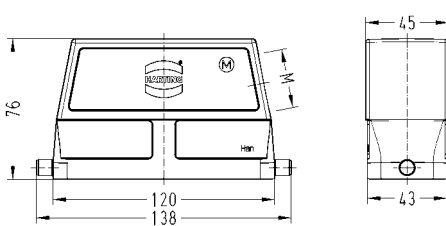
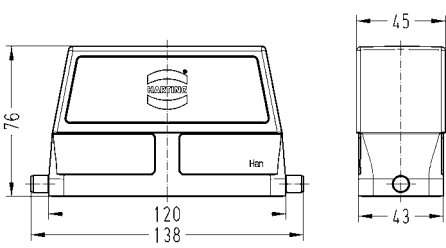
| Identification                                                                                                                                                                   | Cable entry | Part number         |                      | Drawing<br>Dimensions in mm                                                         |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|---------------------|----------------------|-------------------------------------------------------------------------------------|
|                                                                                                                                                                                  |             | 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

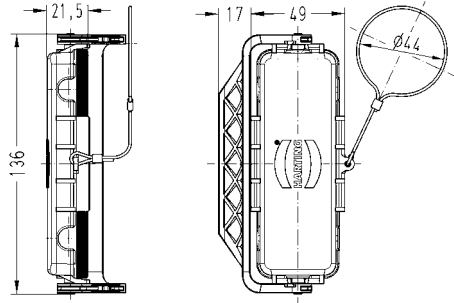
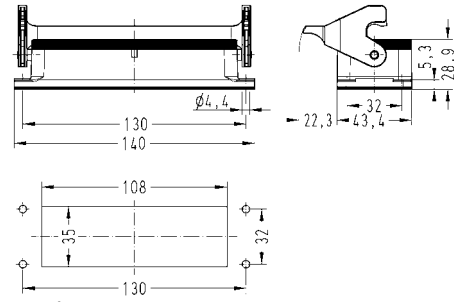
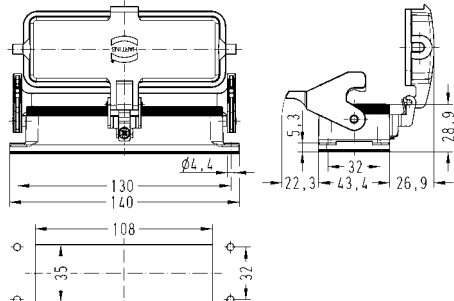
| Identification                                                                                                                            | Cable entry             | Part number         |                                  | Drawing<br>Dimensions in mm                                                          |
|-------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|---------------------|----------------------------------|--------------------------------------------------------------------------------------|
|                                                                                                                                           |                         | 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 |  |

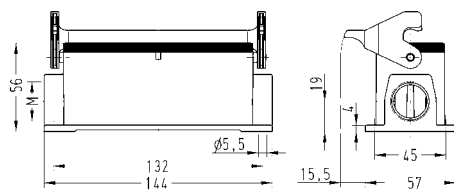
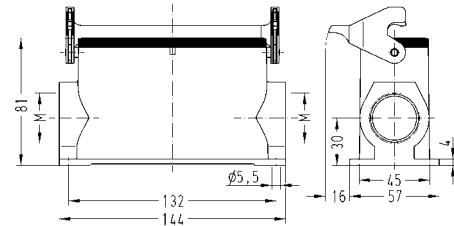
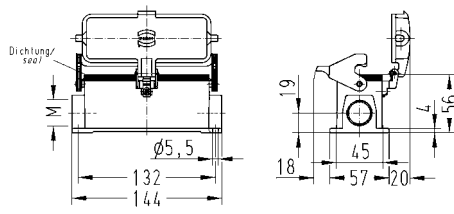
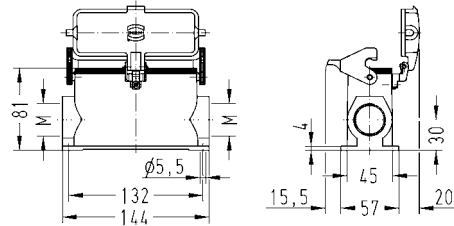
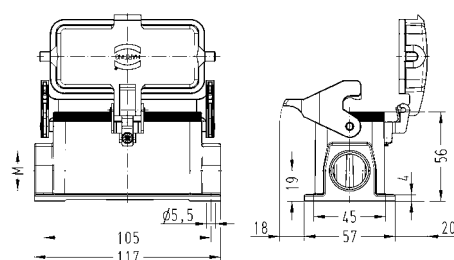
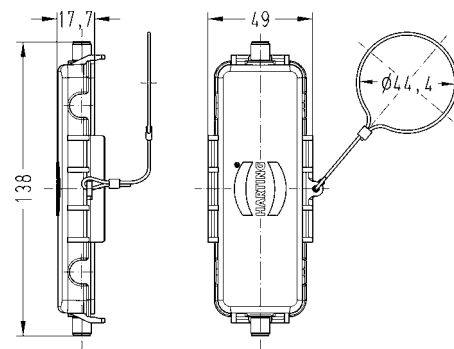
| Identification                                                                                                                                                         | Cable entry             | Part number                      |                      | Drawing<br>Dimensions in mm                                                                              |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|----------------------------------|----------------------|----------------------------------------------------------------------------------------------------------|
|                                                                                                                                                                        |                         | 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       |                      |

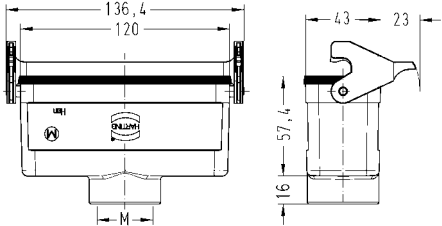
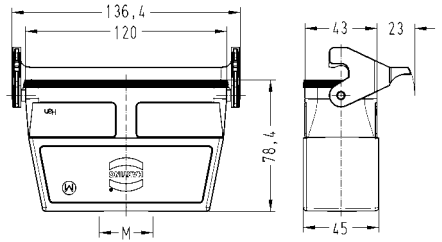
single locking lever

| 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                   |                                                                                        |

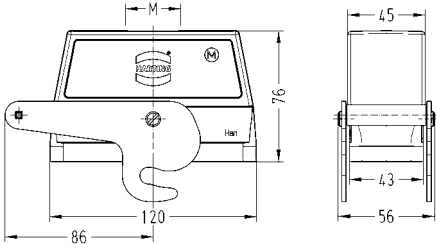
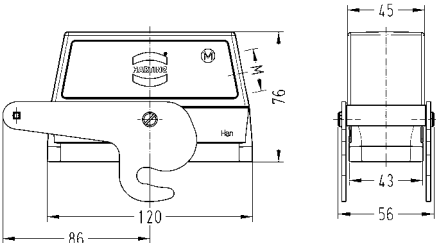
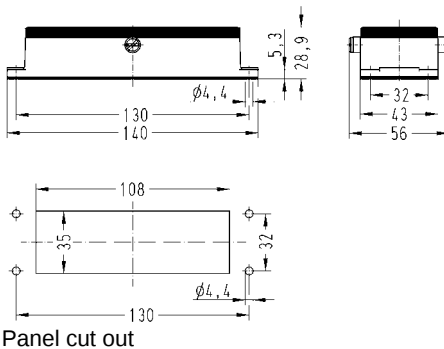
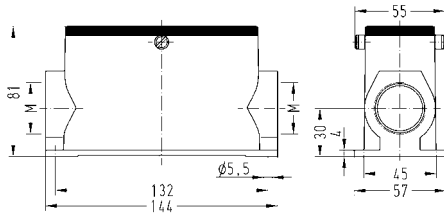
Hoods  
Housings

| 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> |             | 09 30 024 5432      | 09 30 024 5432       |                         |
| Han® B,<br>Bulkhead mounted housings,<br>Han-Easy Lock®<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>   |             | 09 30 024 0304      |                      |  <p>Panel cut out</p> |
| Han® B,<br>Bulkhead mounted housings,<br>Han-Easy Lock®,<br>with metal cover<br>            |             | 09 30 024 0318      |                      |                                                                                                            |

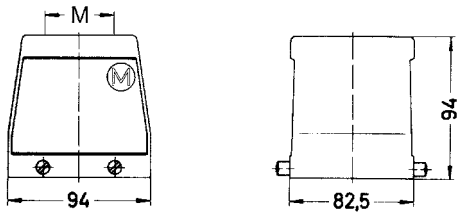
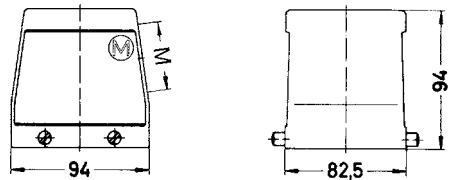
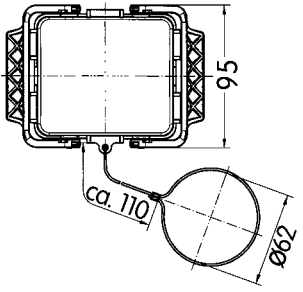
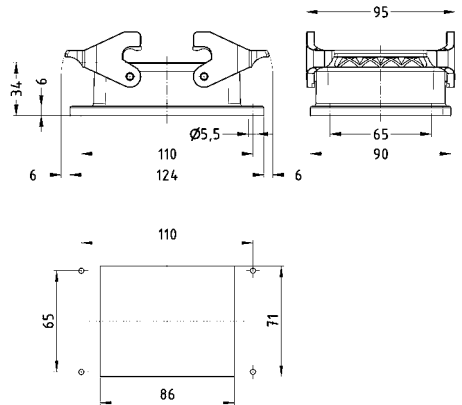
| Identification                                                                                                                                                                                | Cable entry             | Part number                      |                      | Drawing<br>Dimensions in mm                                                                                                                                                |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|----------------------------------|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                                                                                                               |                         | Low<br>construction              | High<br>construction |                                                                                                                                                                            |
| Han® B,<br>Surface mounted housings,<br>side entry,<br>Han-Easy Lock®<br><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><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><br>         | 2xM25<br>2xM32          | 19 30 024 2296                   | 19 30 024 7297       |                                                                                       |
| Han® B,<br>Cover for housings,<br>metal<br><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> |

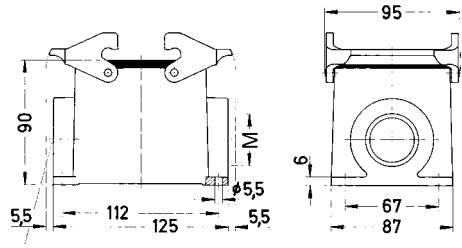
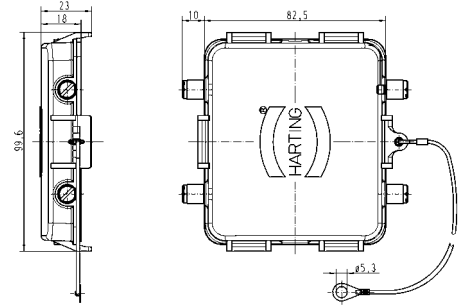
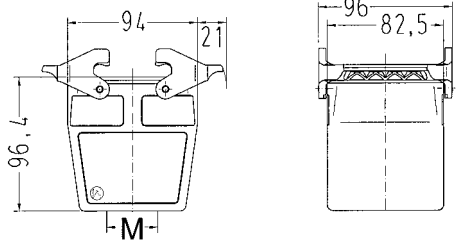
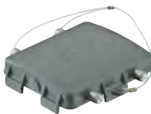
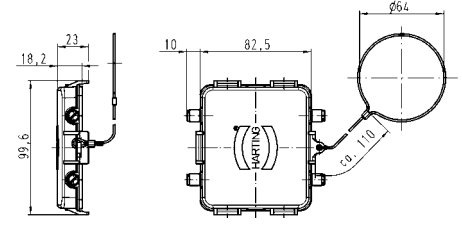
central locking lever

| 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                                     |                       |

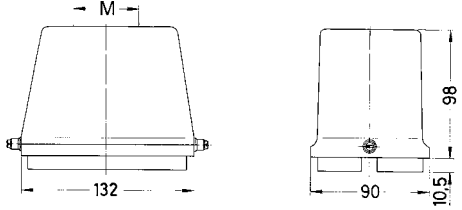
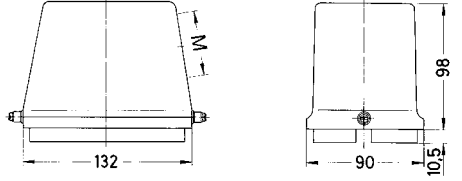
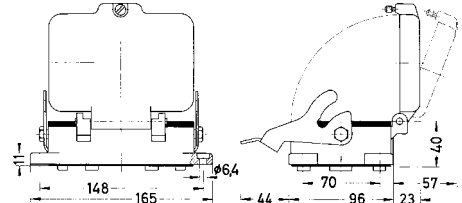
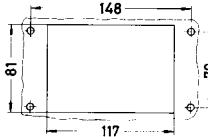
double locking lever

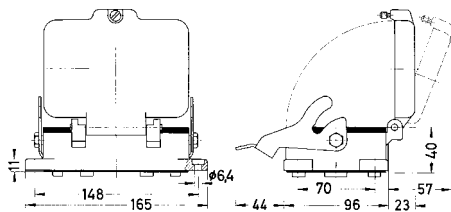
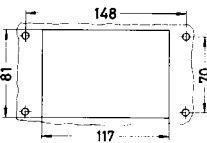
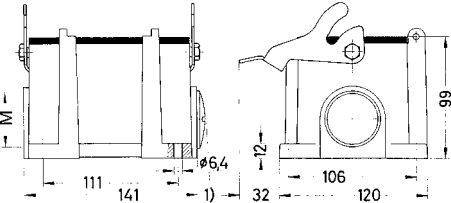
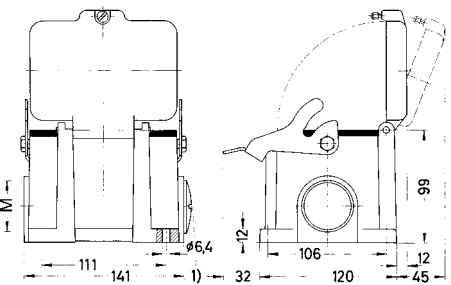
| Identification                                                                                                                                 | Cable entry             | Part number                                        |                     | Drawing<br>Dimensions in mm                                                                                |
|------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|----------------------------------------------------|---------------------|------------------------------------------------------------------------------------------------------------|
|                                                                                                                                                |                         | 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> |

Hoods  
Housings

| 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®                          | 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                                 |                         | 09 30 032 5425                                     | 09 30 032 5425                   |    |
| Han® B,<br>Cable to cable housings,<br>top entry,<br>Han-Easy Lock®                          | 1xM40                   | 19 30 032 0738                                     |                                  |  |
| Han® B,<br>Protection cover for cable to<br>cable housings,<br>metal,<br>with securing flex  |                         | 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



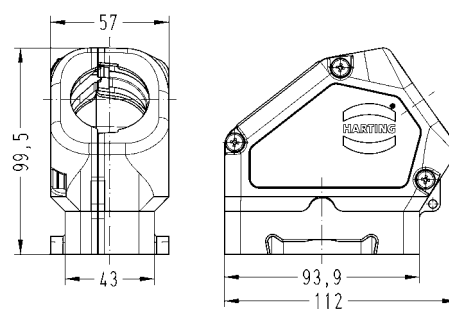
double locking lever

## Identification

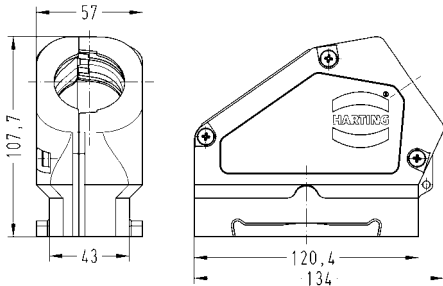
## Part number

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

11 30 016 0520



double locking lever

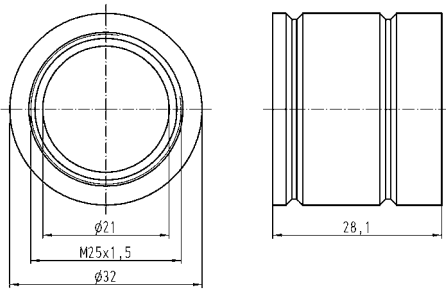
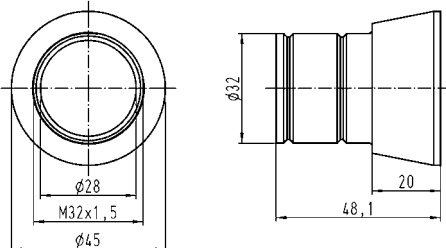
| Identification                                                                                                                                                                                                                                                                                            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



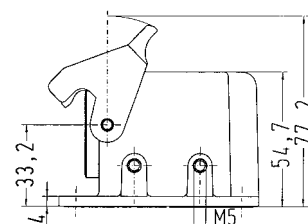
## Identification

## Part number

Drawing  
Dimensions in mm

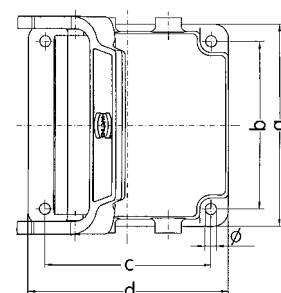
Han-Drive®,  
Housings for motor termination,  
unpainted,  
Han-Easy Lock®

09 30 410 0901  
09 30 410 0909  
09 30 410 0921



Han-Drive®,  
Housings for motor termination,  
unpainted,  
with protection cover,  
Han-Easy Lock®

09 30 410 0951  
09 30 410 0960  
09 30 410 0970  
09 30 410 0971  
09 30 410 0974  
09 30 410 0983



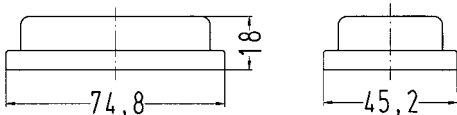
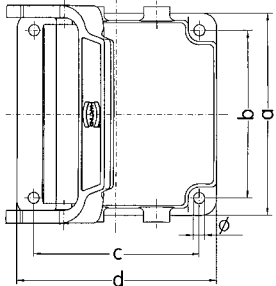
Han-Drive®,  
Housings for motor termination,  
powder-coated RAL 7037,  
Han-Easy Lock®

09 30 010 0901  
09 30 010 0902

Han-Drive®,  
Housings for motor termination,  
powder-coated RAL 7037,  
with protection cover,  
Han-Easy Lock®

09 30 010 0961

|                | 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 |

| 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

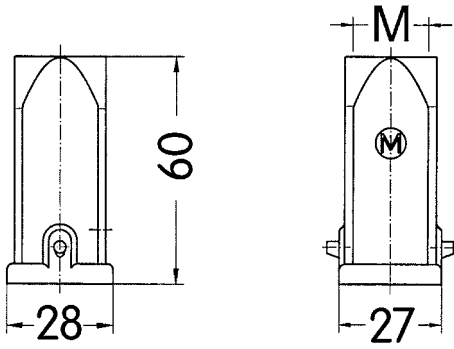
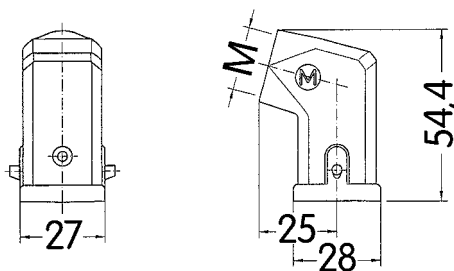
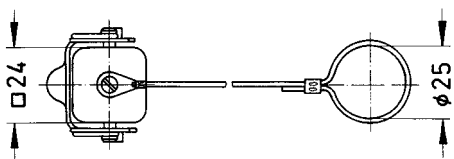
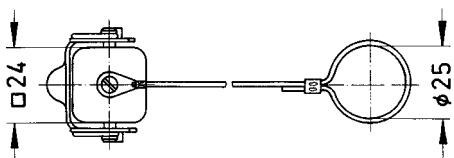
## Technical characteristics

|                                        |                      |
|----------------------------------------|----------------------|
| 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                  |

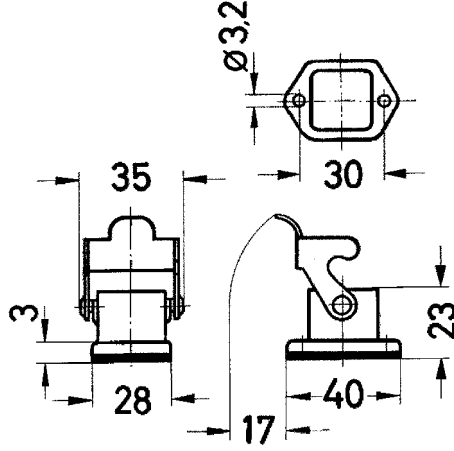
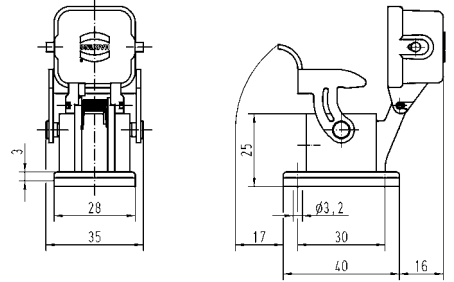
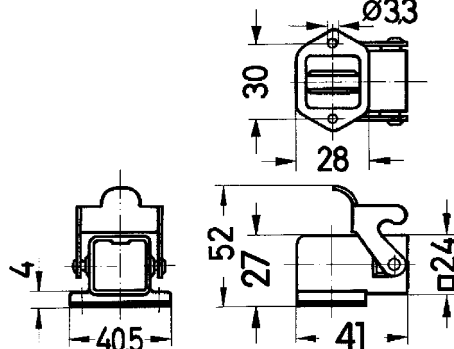
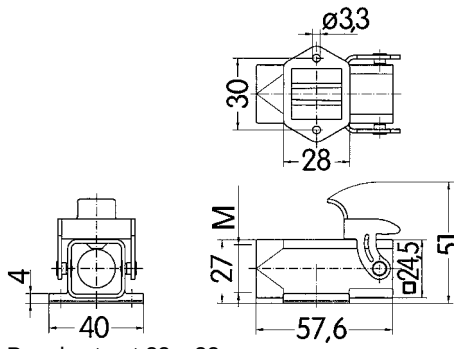
## Specifications and approvals

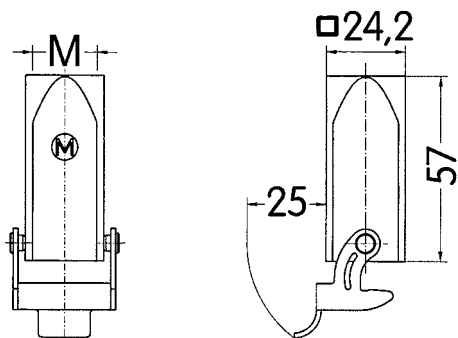
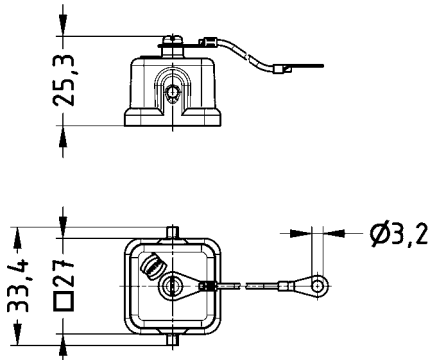
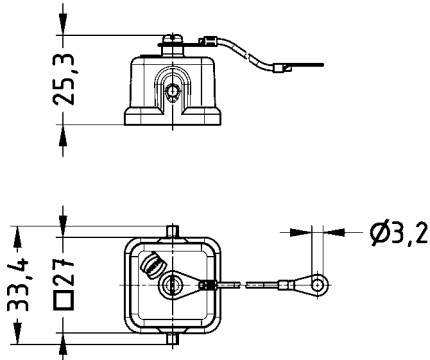
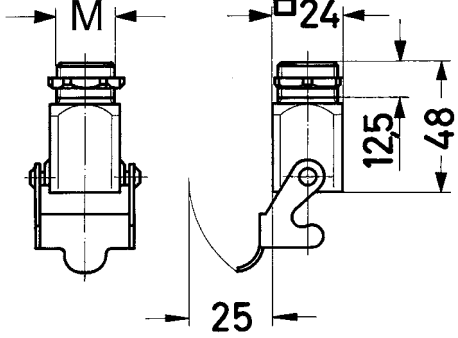


Hoods/Housings for higher environmental requirements  
double locking lever

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

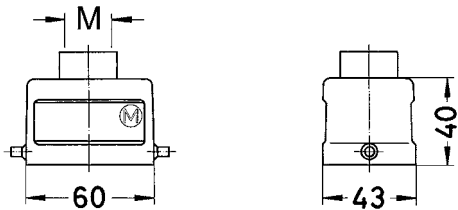
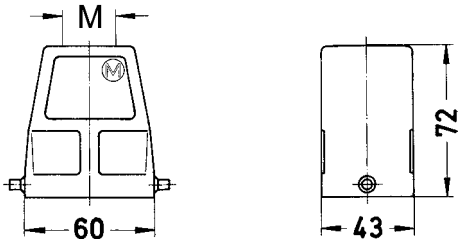
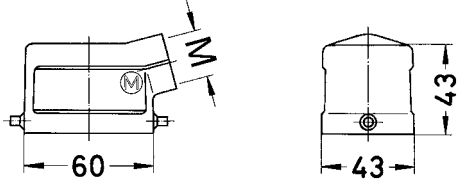
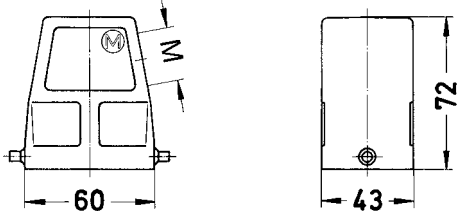
## Technical characteristics

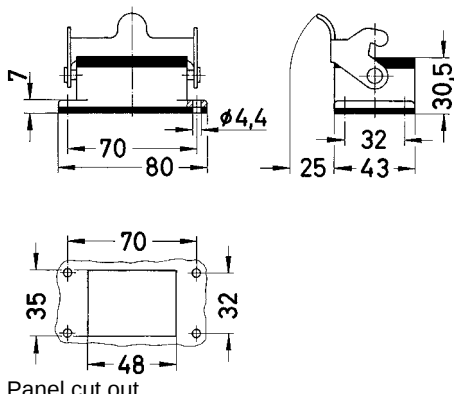
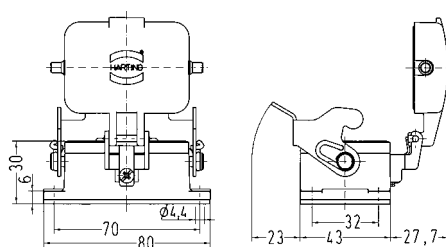
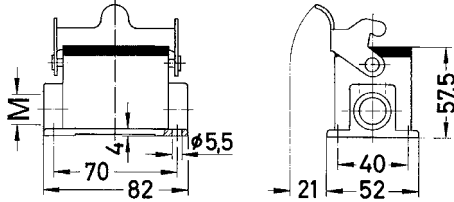
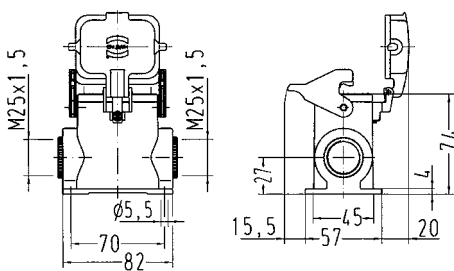
|                                            |                                                                 |
|--------------------------------------------|-----------------------------------------------------------------|
| Limiting temperatures                      | -40 °C ... 125 °C                                               |
| 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                                                             |

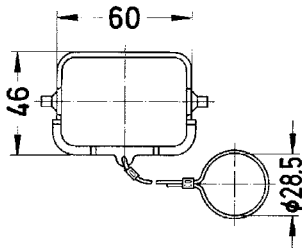
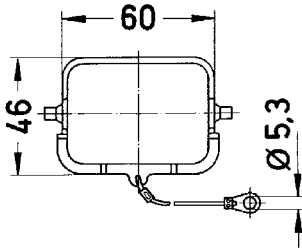
## Specifications and approvals



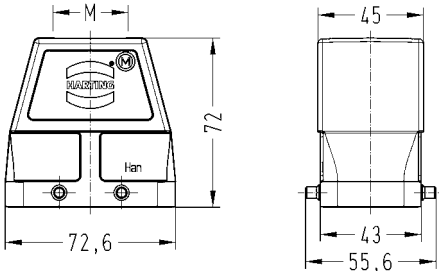
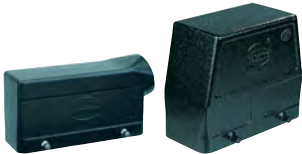
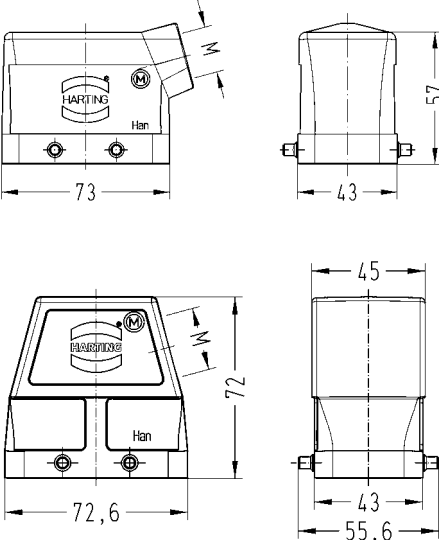
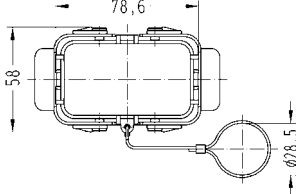
single locking lever

| 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 |    |  |

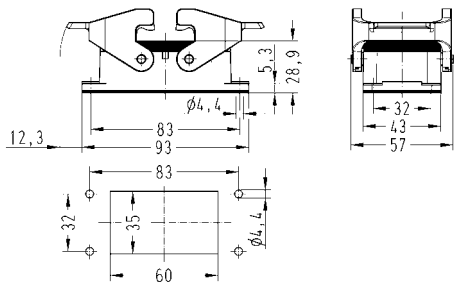
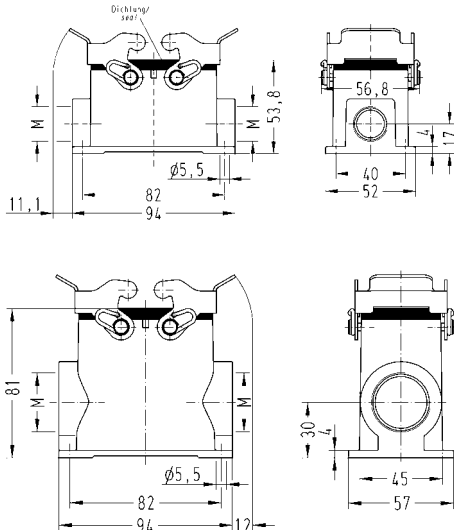
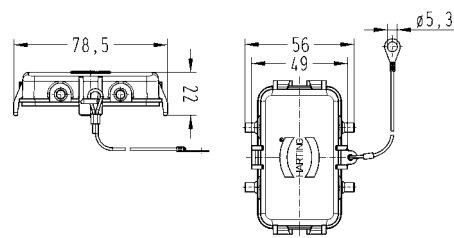
| Identification                                                                                                                                                          | Cable entry | Part number         |                      | Drawing<br>Dimensions in mm                                                                              |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|---------------------|----------------------|----------------------------------------------------------------------------------------------------------|
|                                                                                                                                                                         |             | 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> |

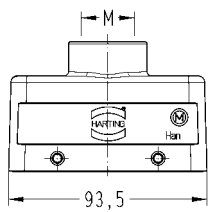
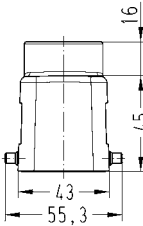
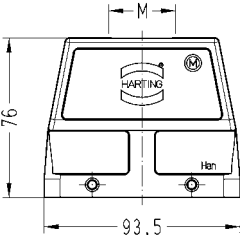
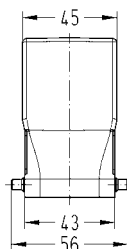
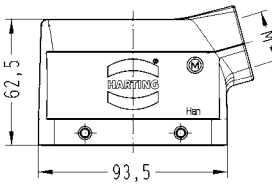
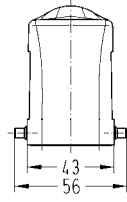
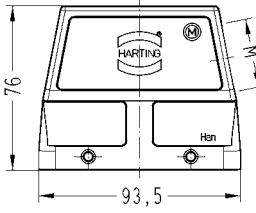
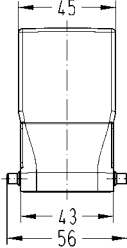
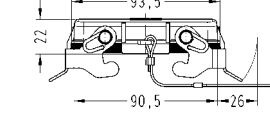
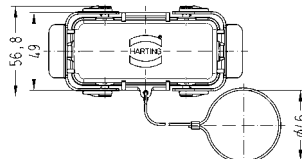
double locking lever

| 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 |   |
| Han® M,<br>Protection cover for hoods,<br>metal,<br>with securing flex<br> |                                  | 09 37 010 5403      | 09 37 010 5403                                     |  |

Hoods  
Housings

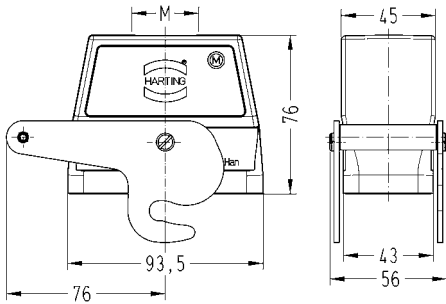
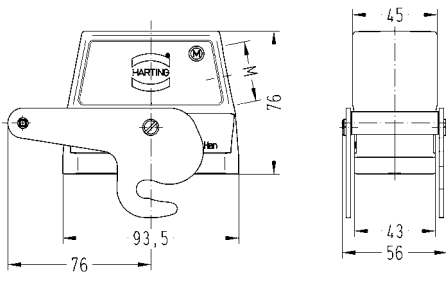
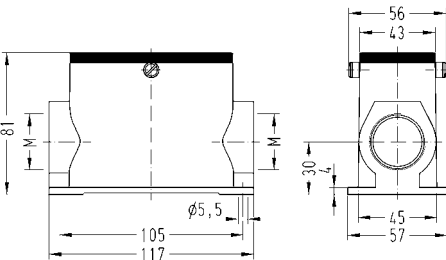
| Identification                                                                                                                                      | Cable entry             | Part number         |                                  | Drawing<br>Dimensions in mm                                                                              |
|-----------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|---------------------|----------------------------------|----------------------------------------------------------------------------------------------------------|
|                                                                                                                                                     |                         | 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

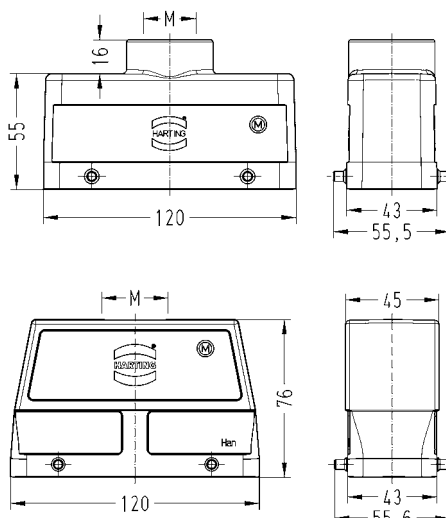
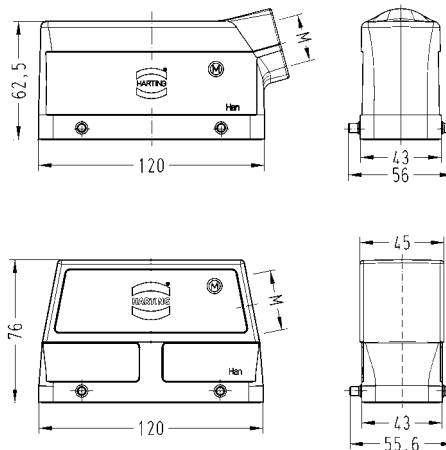
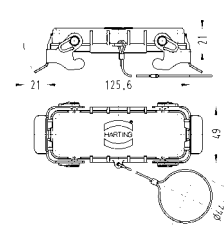
| Identification                                                                                                                                                | Cable entry             | Part number         |                                  | Drawing<br>Dimensions in mm                                                                                                                                                                                                                                                                                                                             |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|---------------------|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                                                                               |                         | 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                   |                                                                                                                                                                               |

Hoods  
Housings

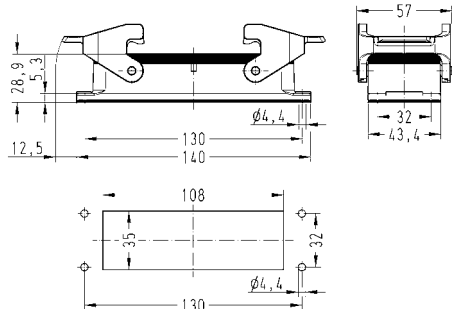
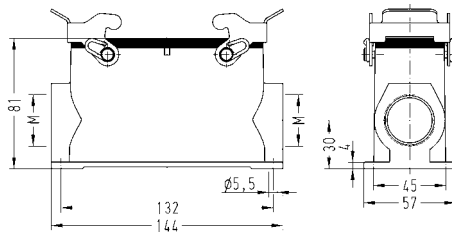
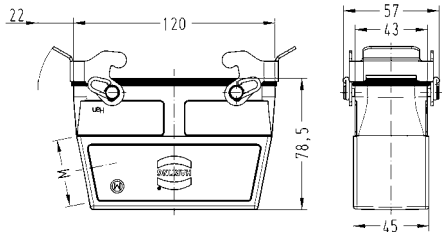
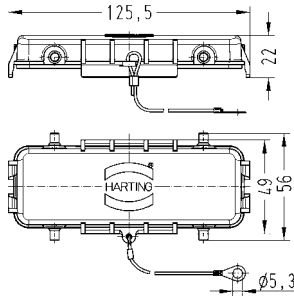
central locking lever

| 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 |  |

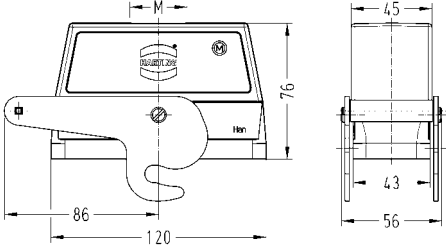
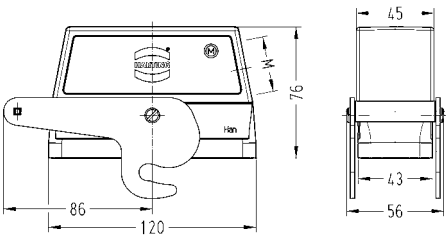
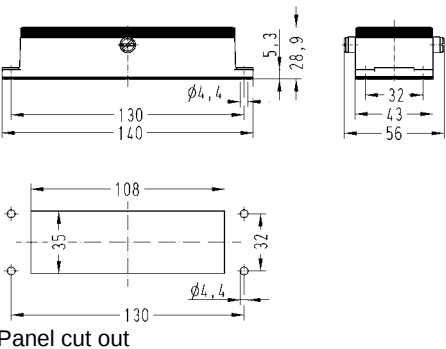
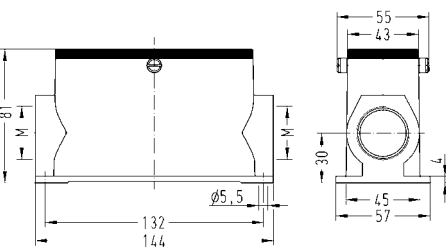
double locking lever

| 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 |   |
| 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 |  |
| Han® M,<br>Protection cover for hoods,<br>metal<br><br> |                         | 09 37 024 5402      | 09 37 024 5402                   |  |

Hoods  
Housings

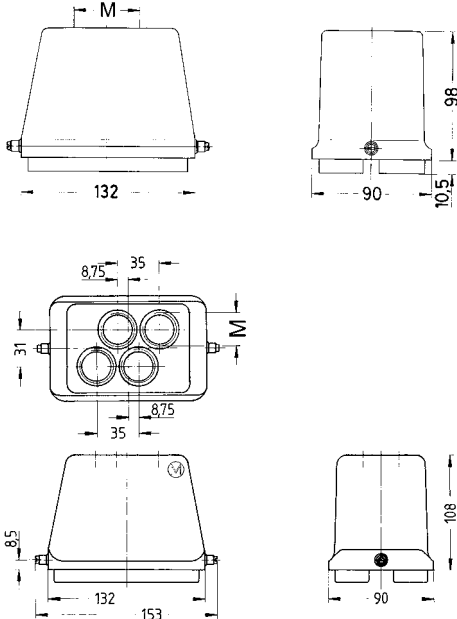
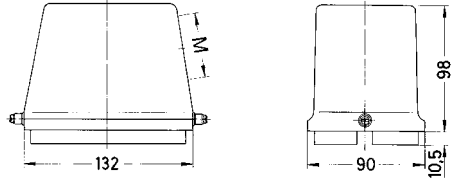
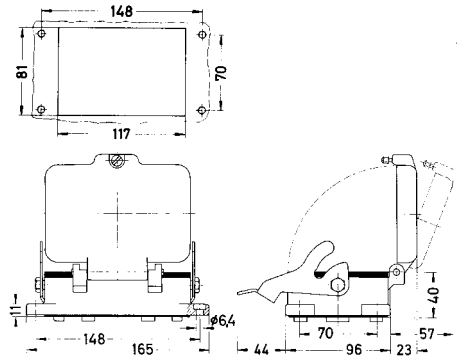
| Identification                                                                                                                                                   | Cable entry | Part number      |                   | Drawing<br>Dimensions in mm                                                                          |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|------------------|-------------------|------------------------------------------------------------------------------------------------------|
|                                                                                                                                                                  |             | Low construction | High construction |                                                                                                      |
| Han® M,<br>Bulkhead mounted housings<br>                                        |             | 09 37 024 0301   |                   | <br>Panel cut out |
| 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

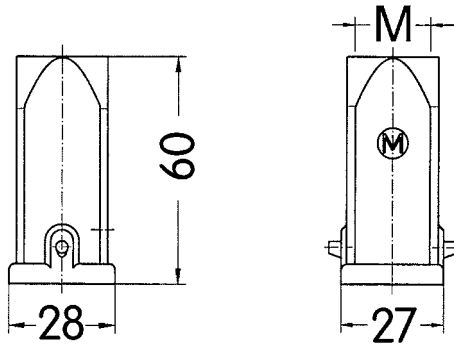
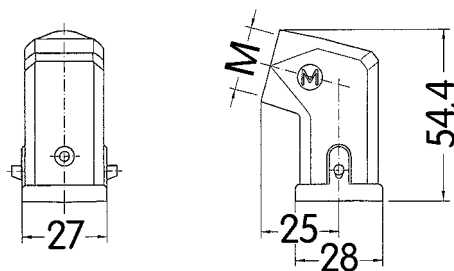
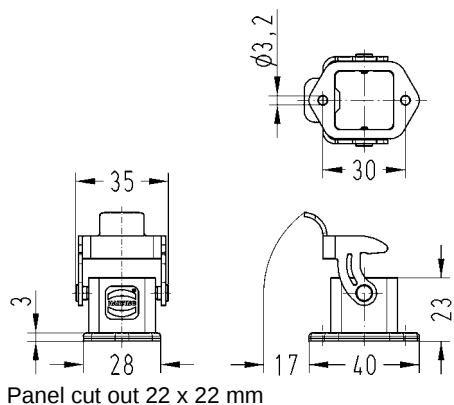
## Technical characteristics

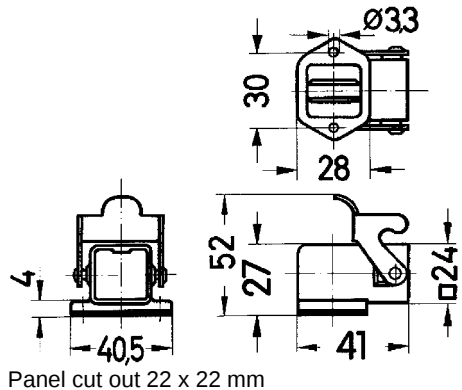
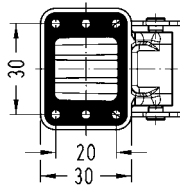
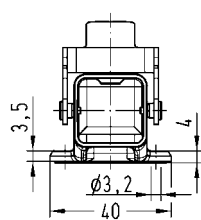
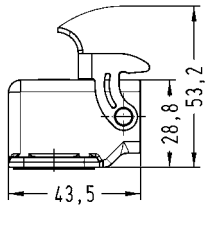
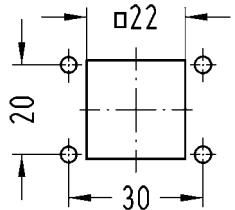
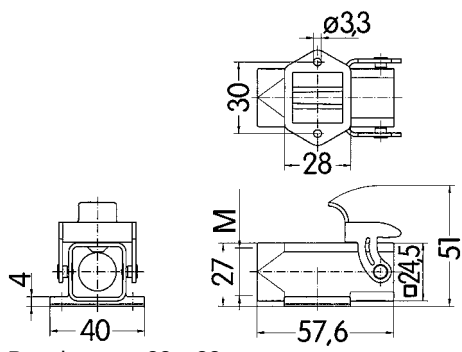
|                                        |                                                        |
|----------------------------------------|--------------------------------------------------------|
| Limiting temperatures                  | -40 °C ... 125 °C                                      |
| 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                                                    |

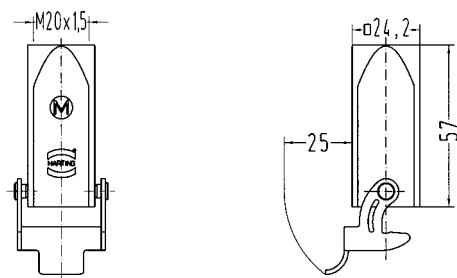
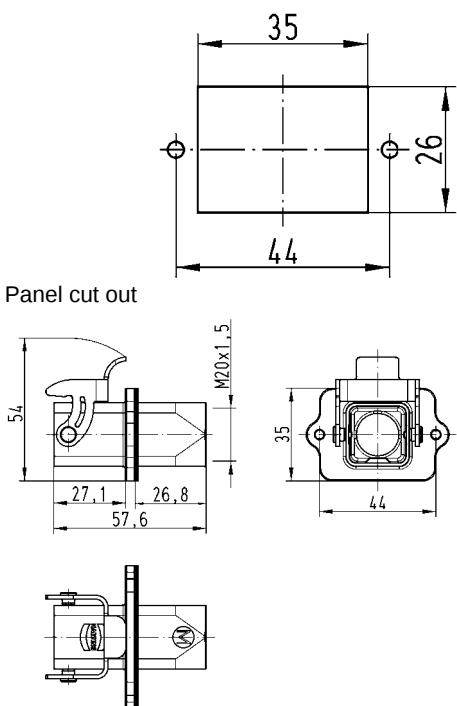
## Specifications and approvals



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                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|--------------------------------------------------------------------------------------------------------------------------------------------------|-------------|------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>Han® EMV,<br/>Bulkhead mounted housings,<br/>angled</p>      |             | <p>09 62 003 0801<br/>09 62 003 0810</p> |  <p>Panel cut out 22 x 22 mm</p>     |
| <p>Han® EMV,<br/>Surface mounted housings,<br/>top entry</p>  | 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

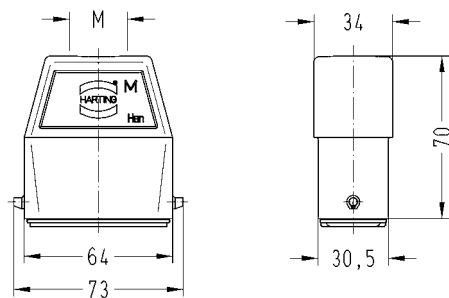
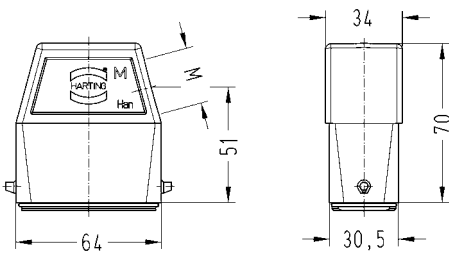
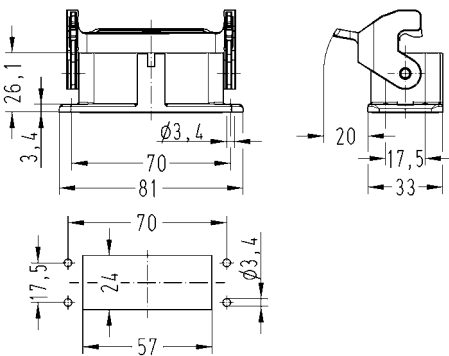
## Technical characteristics

|                                            |                                                  |
|--------------------------------------------|--------------------------------------------------|
| 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                                              |

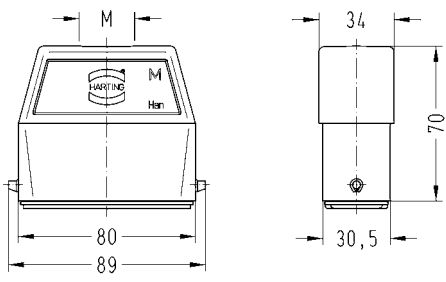
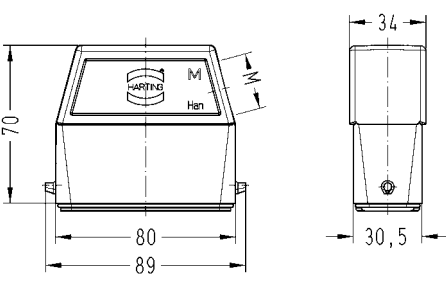
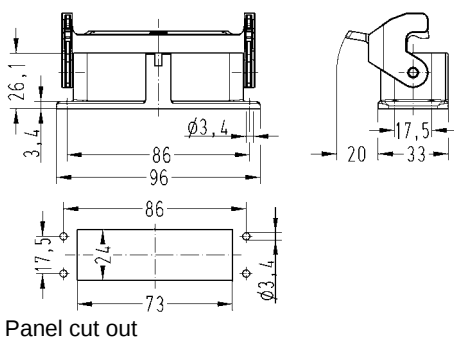
## Specifications and approvals



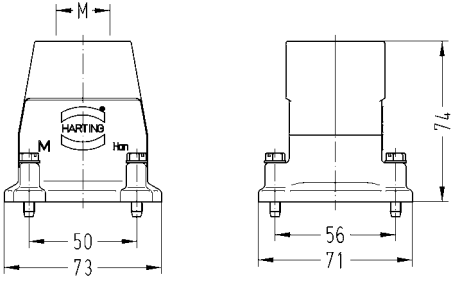
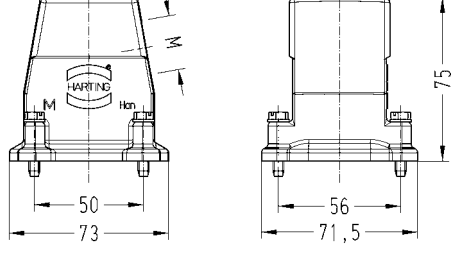
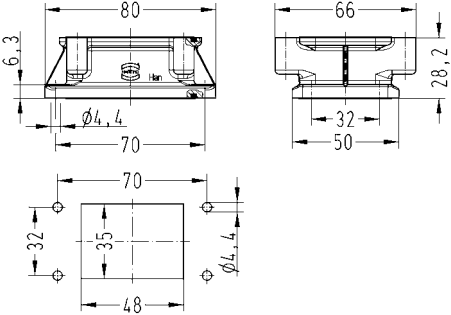
Hoods/Housings for higher EMC requirements  
single locking lever

| 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> |

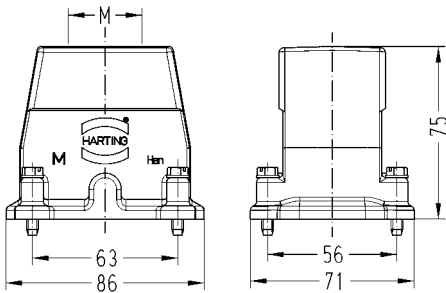
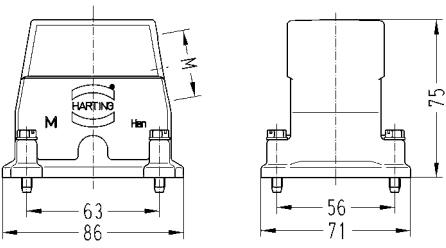
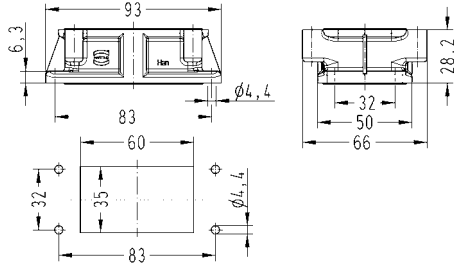
Hoods/Housings for higher EMC requirements  
single locking lever

| 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 | <br>Panel cut out |

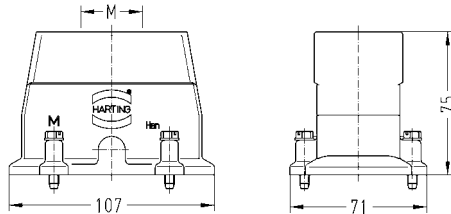
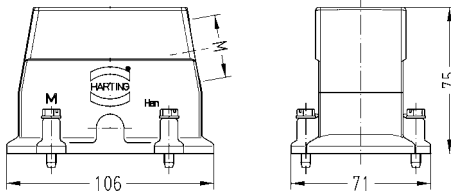
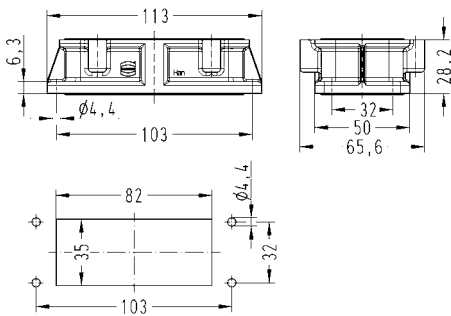
Hoods/Housings for higher EMC requirements

| Identification                                                                                                                               | Cable entry    | Part number                      | Drawing<br>Dimensions in mm                                                                                |
|----------------------------------------------------------------------------------------------------------------------------------------------|----------------|----------------------------------|------------------------------------------------------------------------------------------------------------|
| Han® EMV,<br>Hoods,<br>top entry,<br>screw locking          | 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> |

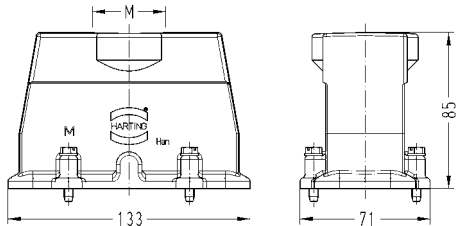
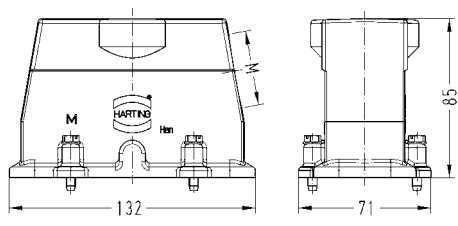
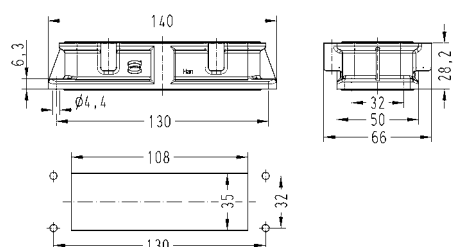
Hoods/Housings for higher EMC requirements

| 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

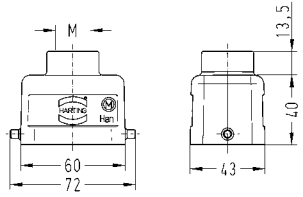
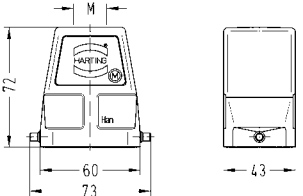
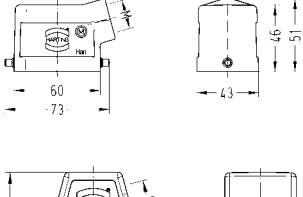
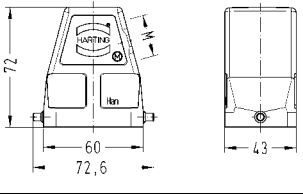
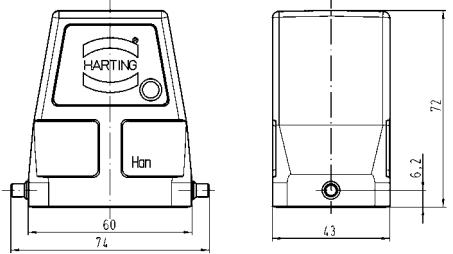
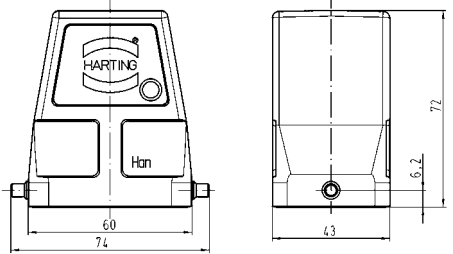
## Technical characteristics

|                                                 |                                 |
|-------------------------------------------------|---------------------------------|
| 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

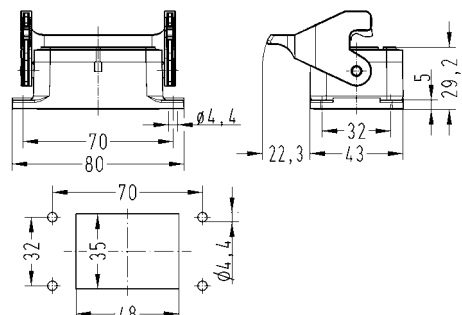
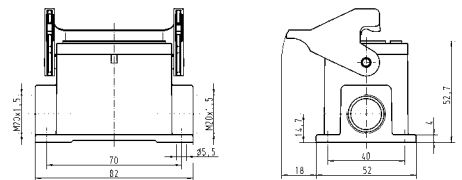


single locking lever

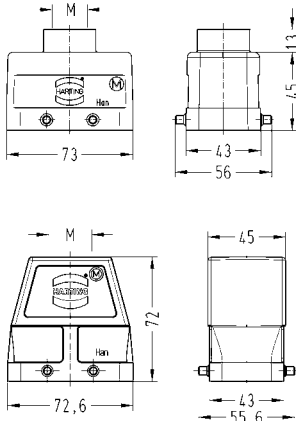
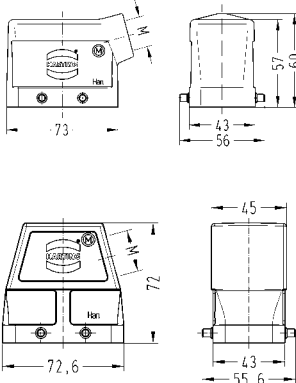
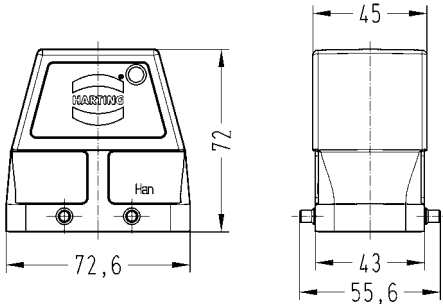
| Identification                                                                                                                                             | Cable entry             | Part number         |                                  | Drawing<br>Dimensions in mm                                                                                                                                                                                                                                                                                                                                   |
|------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|---------------------|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                                                                            |                         | 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 | <br><br><br> |
| 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

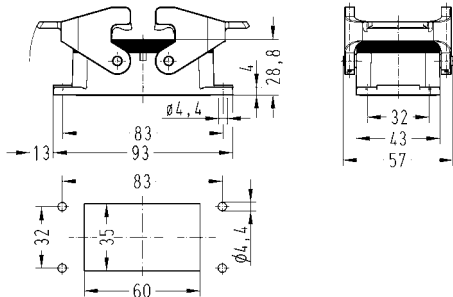
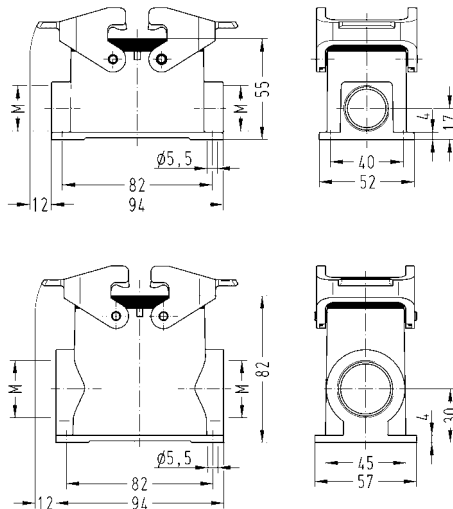
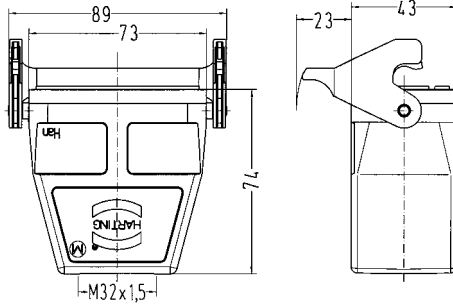


| Identification                                                                                                                                                 | Cable entry | Part number         |                      | Drawing<br>Dimensions in mm                                                                              |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|---------------------|----------------------|----------------------------------------------------------------------------------------------------------|
|                                                                                                                                                                |             | 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      |                      |                       |

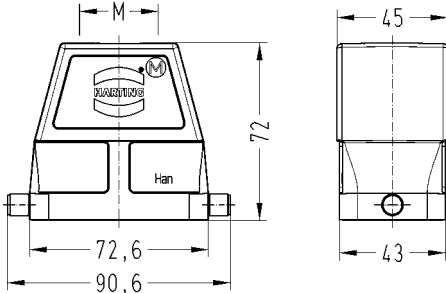
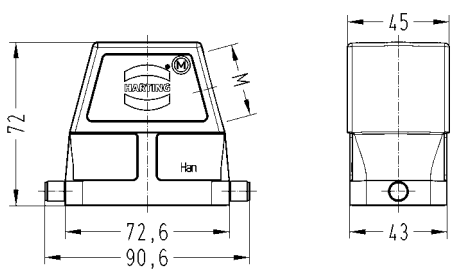
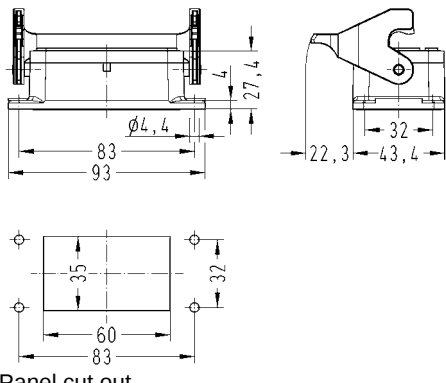
double locking lever

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

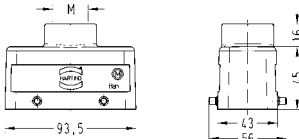
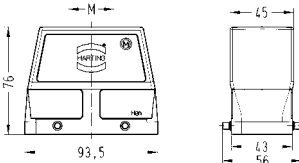
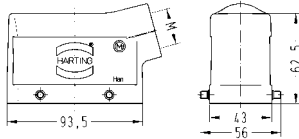
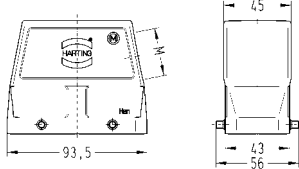
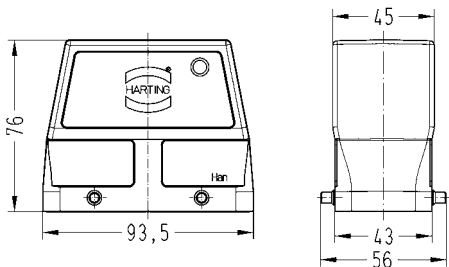
Hoods  
Housings

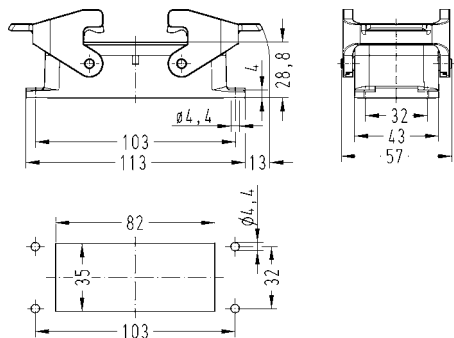
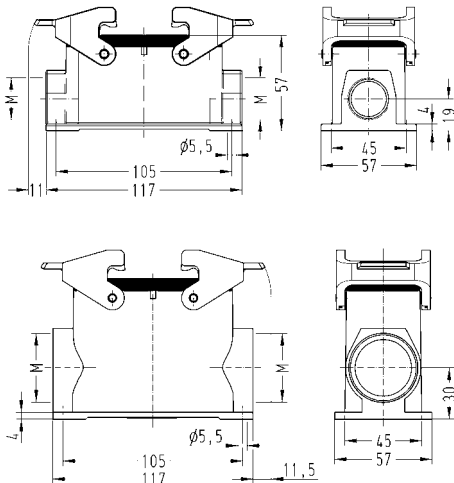
| Identification                                                                                                                                                 | Cable entry    | Part number         |                      | Drawing<br>Dimensions in mm                                                                              |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|---------------------|----------------------|----------------------------------------------------------------------------------------------------------|
|                                                                                                                                                                |                | Low<br>construction | High<br>construction |                                                                                                          |
| Han® EMC/B,<br>Bulkhead mounted housings,<br>Han-Easy Lock®<br>               |                | 09 62 810 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

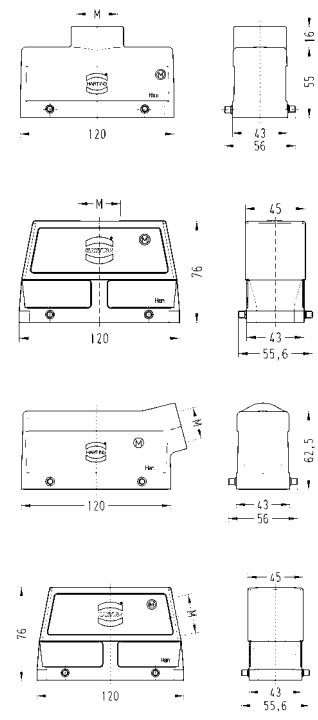
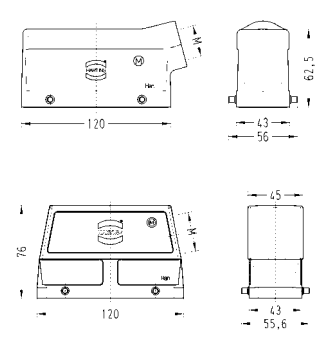
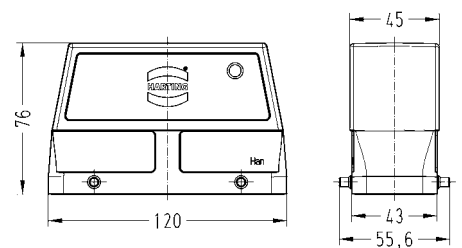
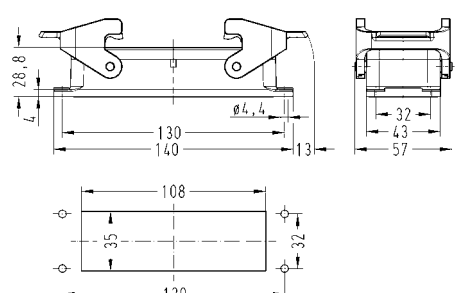
| Identification                                                                                                                                     | Cable entry    | Part number         |                                  | Drawing<br>Dimensions in mm                                                                                |
|----------------------------------------------------------------------------------------------------------------------------------------------------|----------------|---------------------|----------------------------------|------------------------------------------------------------------------------------------------------------|
|                                                                                                                                                    |                | 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

Hoods  
Housings

## Features

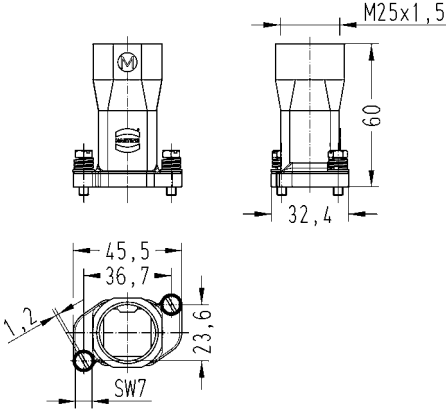
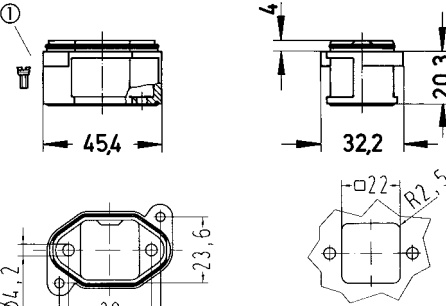
- Hoods/Housings for harsh environmental requirements
- Highly EMC resistant
- Screw locking M4
- Field of application: For external electrical interconnections in vehicles, in highly demanding environments and wet areas, as well as for sensitive interconnections that have to be shielded
- Distinguishing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

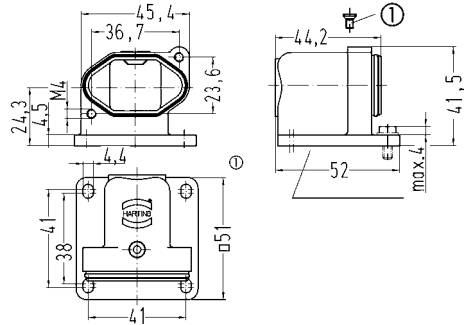
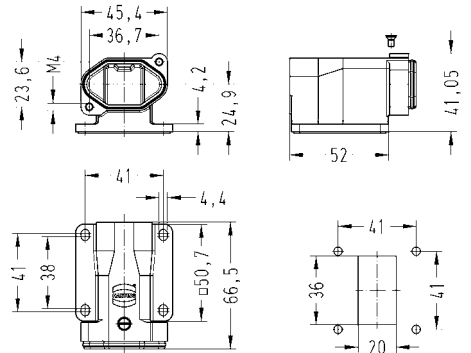
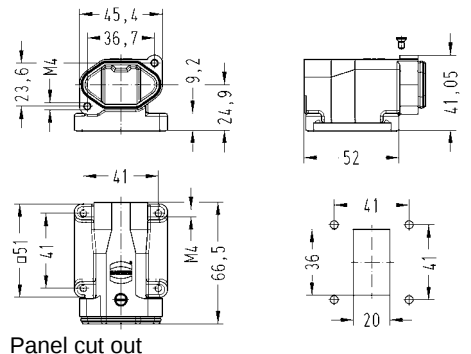
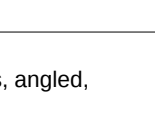
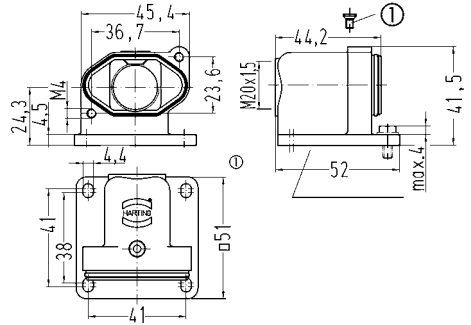
## Technical characteristics

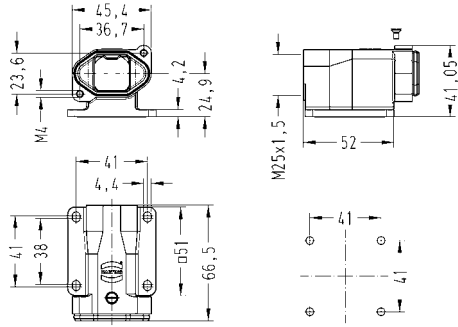
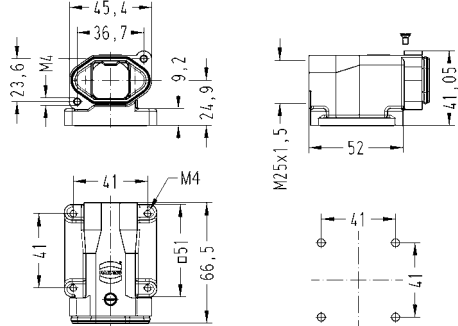
|                                        |                              |
|----------------------------------------|------------------------------|
| Limiting temperatures                  | -40 °C ... 125 °C            |
| Protection class acc. to UL 50         | NEMA 4/12, NEMA type 4/4X/12 |
| Degree 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              |

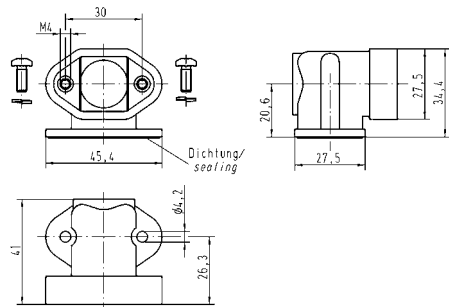
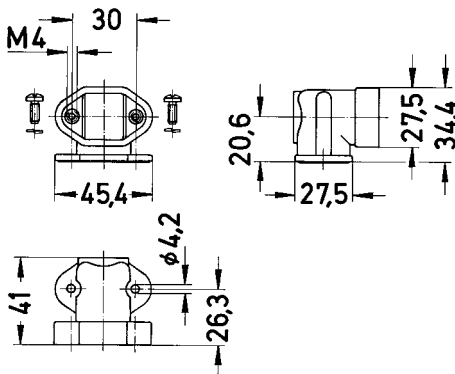
## Specifications and approvals



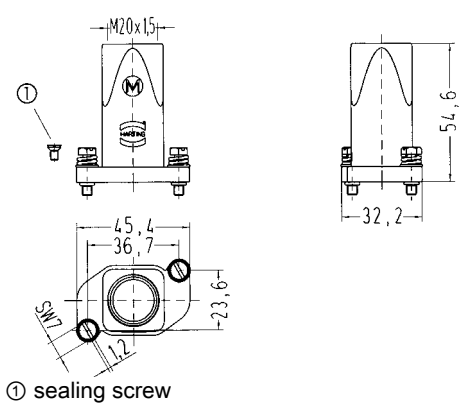
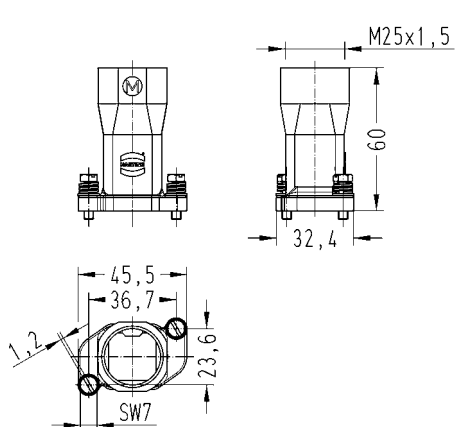
| Identification                                                                     | Cable entry    | Part number                      | Drawing<br>Dimensions in mm                                                                                                                   |
|------------------------------------------------------------------------------------|----------------|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| Han® HPR,<br>Hoods,<br>with sealing screw,<br>top entry,<br>toggle locking         | 1xM20          | 19 40 703 0400                   |                                                           |
| Han® HPR,<br>Hoods,<br>with sealing screw,<br>top entry,<br>screw locking          | 1xM20<br>1xM25 | 19 40 703 0410<br>19 40 703 0411 |                                                                                                                                               |
|  |                |                                  |                                                                                                                                               |
| Han® HPR,<br>Bulkhead mounted housings,<br>with sealing screw,<br>toggle locking   |                | 09 40 703 0301                   |  <p>Panel cut out 21.3 x 21.3 mm<br/>① sealing screw</p> |
| Han® HPR,<br>Bulkhead mounted housings,<br>with sealing screw,<br>screw locking    |                | 09 40 703 0311                   |                                                                                                                                               |

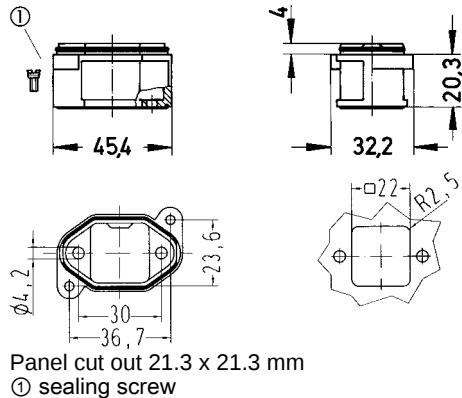
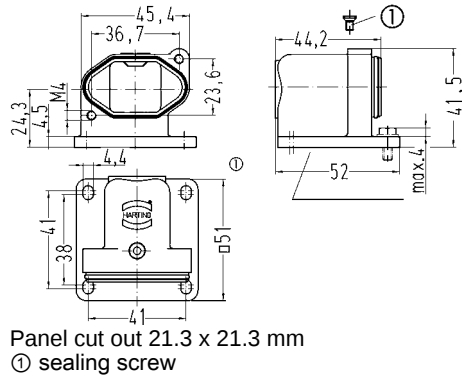
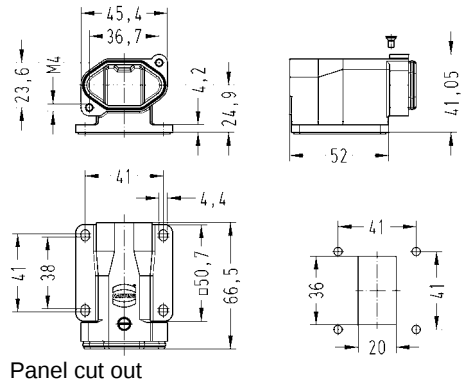
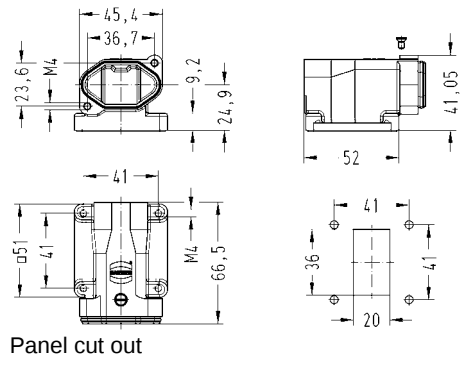
| Identification                                                                                                                                                                                                | Cable entry | Part number    | Drawing<br>Dimensions in mm                                                                                                                 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|----------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| 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>                                |

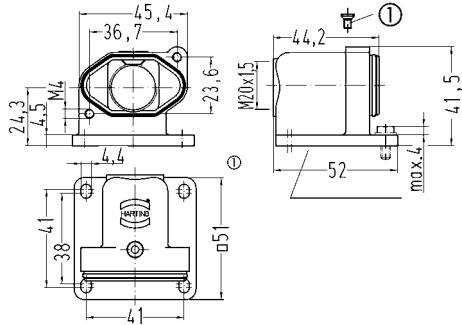
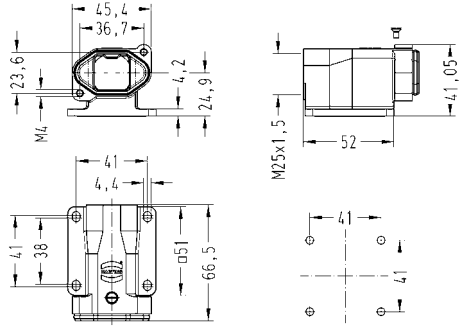
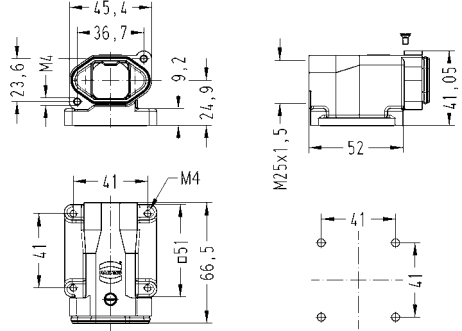
| Identification                                                                                                                                                                         | Cable entry | Part number    | Drawing<br>Dimensions in mm                                                                               |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|----------------|-----------------------------------------------------------------------------------------------------------|
| 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                                                                                                                                     |             | 09 40 703 5401 |                                                                                                           |
| Han® HPR,<br>Cover for housings,<br>toggle locking,<br>with securing flex                                                                                                              |             | 09 40 703 5402 |                                                                                                           |
| Han® HPR,<br>Cover for housings,<br>screw locking                                                                                                                                      |             | 09 40 703 5411 |                                                                                                           |
| Han® HPR,<br>Cover for housings,<br>screw locking,<br>with securing flex                                                                                                               |             | 09 40 703 5412 |                                                                                                           |
| Han® HPR,<br>Dust protection cover,<br>plastic                                                                                                                                         |             | 09 40 003 5406 |                        |

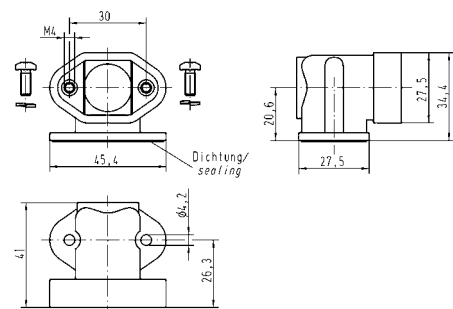
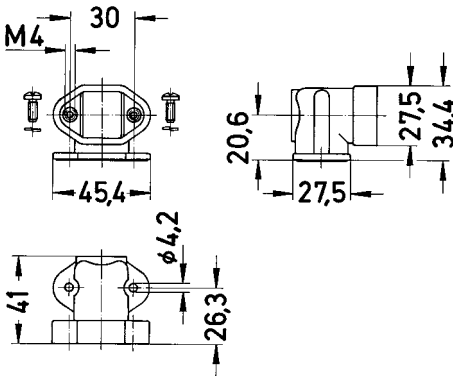
| Identification                                                                                                                                                                                                               | Cable entry | Part number    | Drawing<br>Dimensions in mm                 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

| 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><br> |

## Features

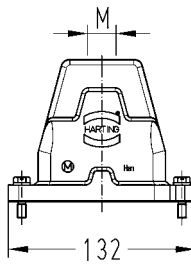
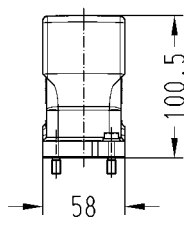
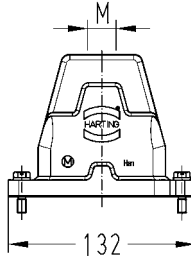
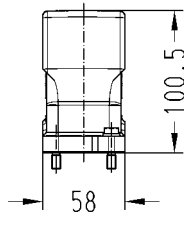
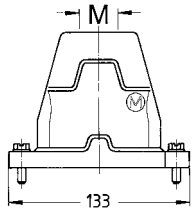
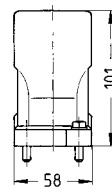
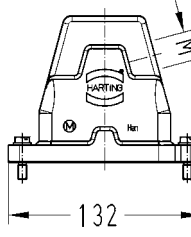
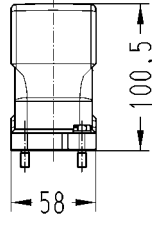
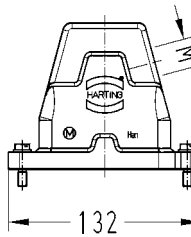
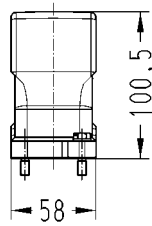
- Hoods/Housings, pressure tight
- Highly EMC resistant
- Screw locking M6
- Field of application: For external electrical interconnections in vehicles, in highly demanding environments and wet areas, as well as for sensitive interconnections that have to be shielded
- Distinguishing feature: colour-coded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

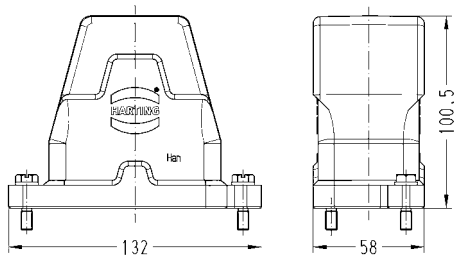
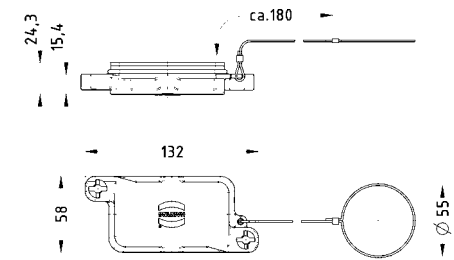
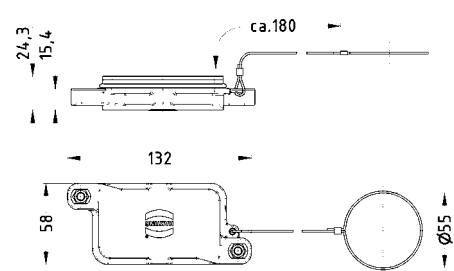
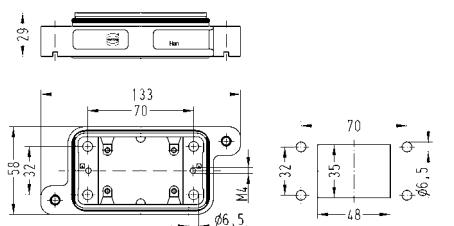
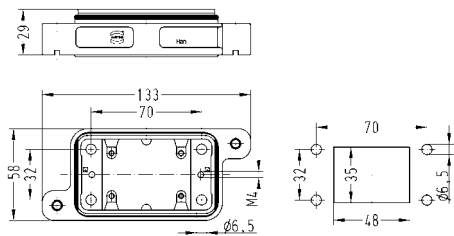
## Technical characteristics

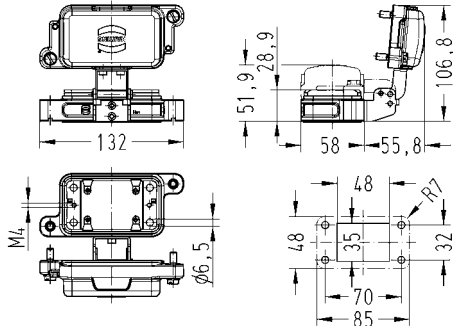
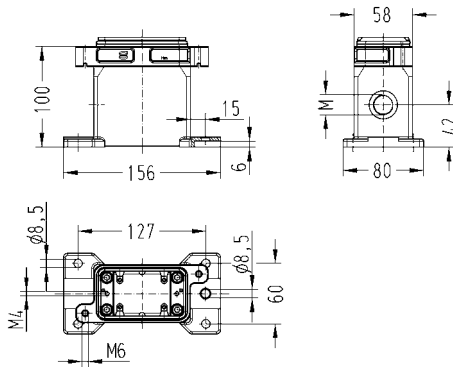
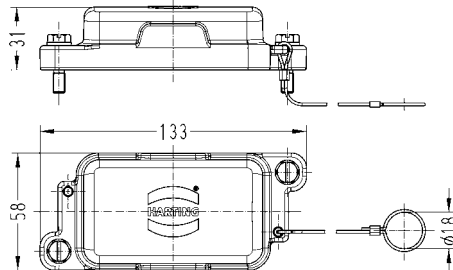
|                                        |                                         |
|----------------------------------------|-----------------------------------------|
| Limiting temperatures                  | -40 °C ... 125 °C                       |
| Protection class acc. to UL 50         | NEMA 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                         |

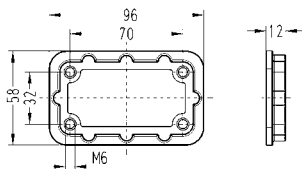
## Specifications and approvals

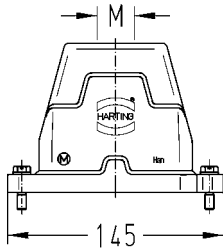
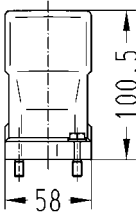
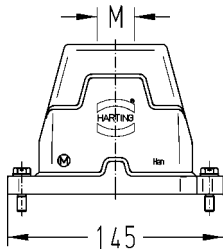
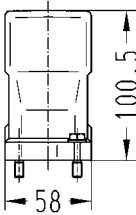
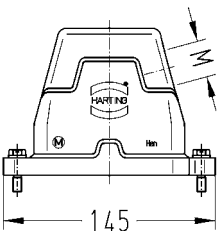
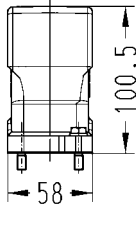
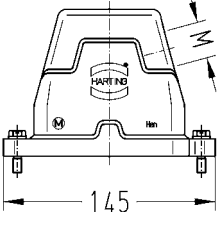
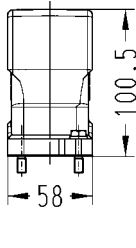


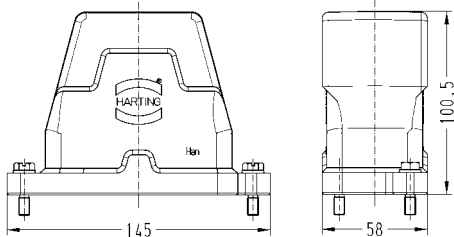
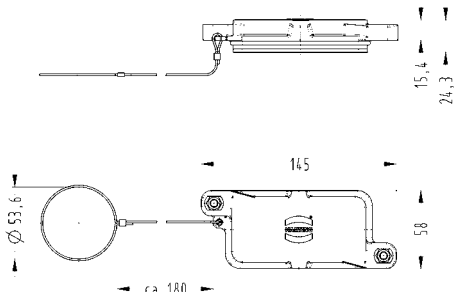
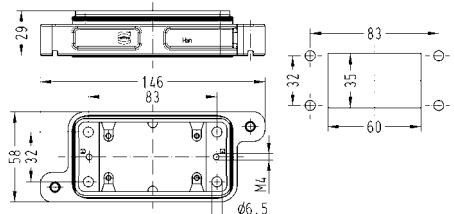
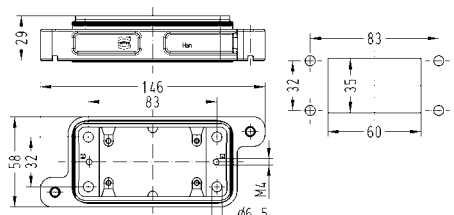
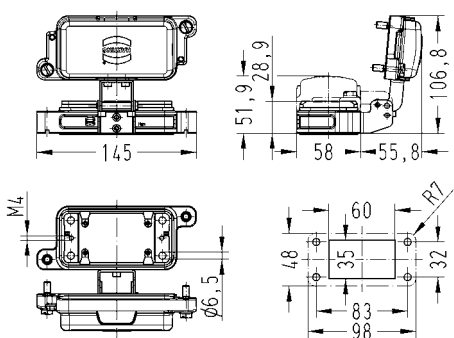
| Identification                                                                                                                           | Cable entry                      | Part number                                                          | Drawing<br>Dimensions in mm                                                                                                                                                 |  |
|------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|----------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| 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 |   |  |

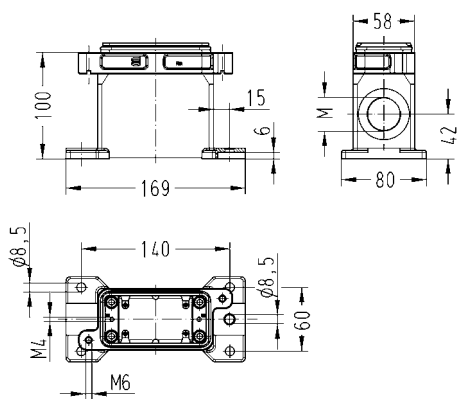
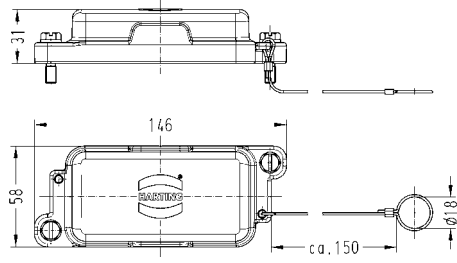
| Identification                                                                                                                                          | Cable entry | Part number    | Drawing<br>Dimensions in mm                                                           |
|---------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|----------------|---------------------------------------------------------------------------------------|
| 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 |  |

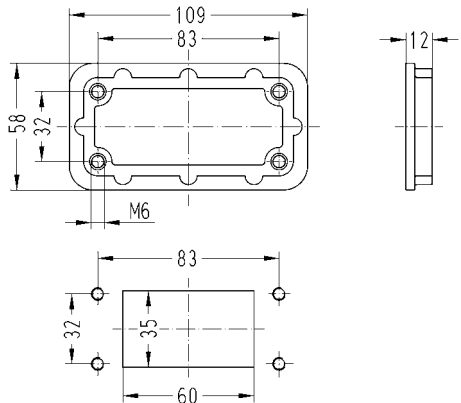
| Identification                                                                                                                                                                                                                                         | Cable entry                          | Part number                                                              | 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                                                           |                                                                                       |

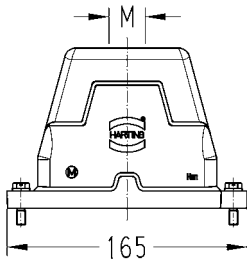
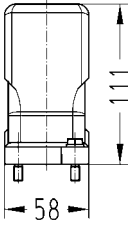
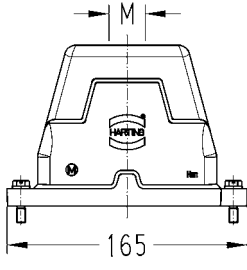
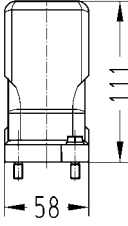
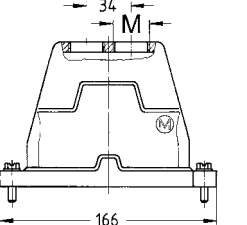
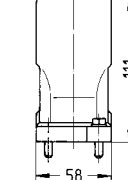
| Identification                                                                                                                                                                           | Cable entry | Part number    | Drawing<br>Dimensions in mm                                                          |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|----------------|--------------------------------------------------------------------------------------|
| 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 |  |

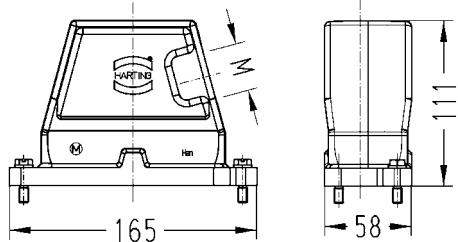
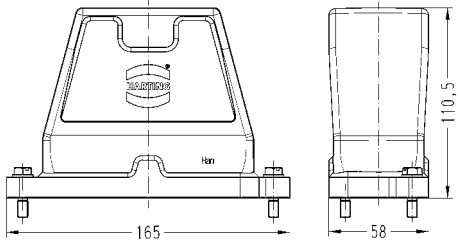
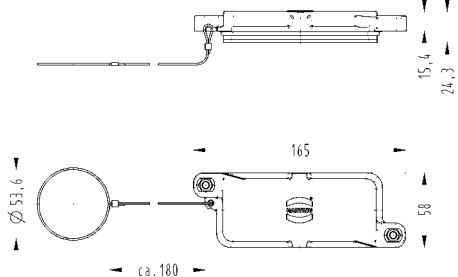
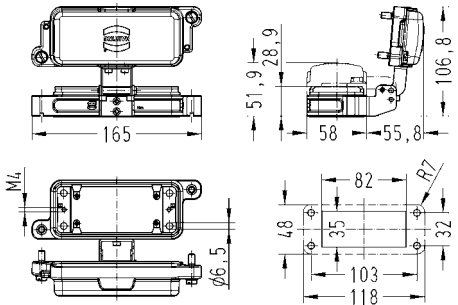
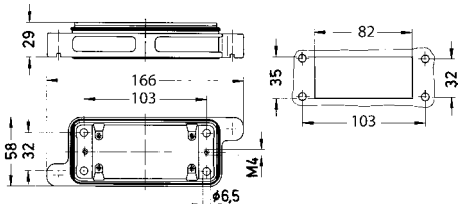
| Identification                                                                                                                                                                                                             | Cable entry                      | Part number                                                          | 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                   |  |  |

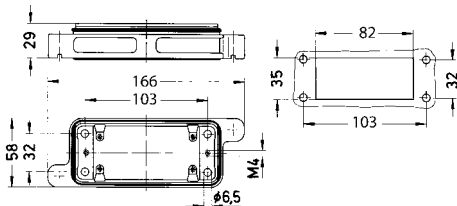
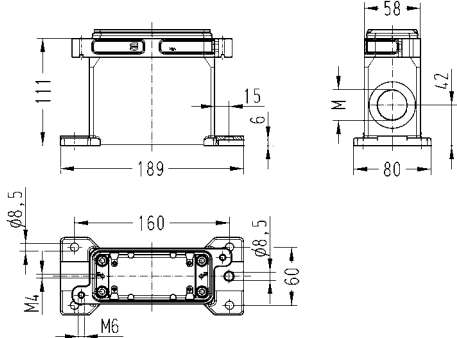
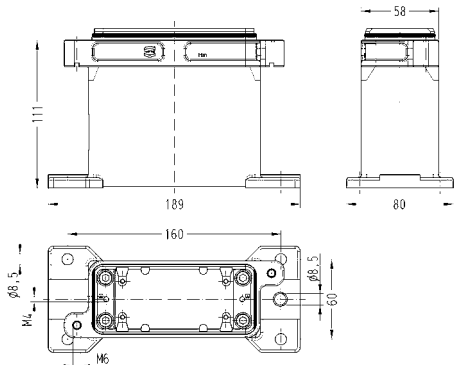
| Identification                                                                                                                                                                                                                           | Cable entry | Part number                          | Drawing<br>Dimensions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

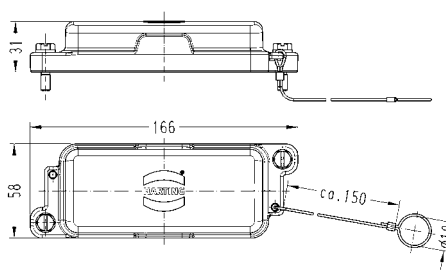
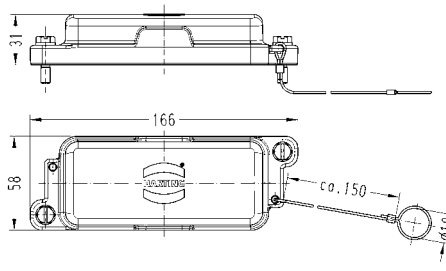
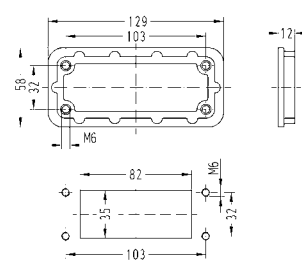
| Identification                                                                                                                                                               | Cable entry                               | Part number                                                                            | Drawing<br>Dimensions in mm                                                          |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| Han® HPR,<br>Surface mounted housings,<br>side entry,<br>screw locking                      | 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                               |                                           | 09 40 010 5401                                                                         |  |
| Han® HPR,<br>Cover for housings,<br>metal,<br>screw locking                               |                                           | 09 40 010 5411                                                                         |                                                                                      |
| Han® HPR,<br>Panel feed through housings,<br>for mounting from inside,<br>screw locking   | 1xM40                                     | 19 40 010 1113                                                                         |                                                                                      |
| Han® HPR,<br>Panel feed through housings,<br>for mounting from outside,<br>screw locking  | 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<br>                                                                                      | 1xM32                                     | 19 40 016 0402                                                                         |       |  |
| Han® HPR,<br>Hoods,<br>top entry,<br>screw locking<br>  | 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<br>                                                                                   | 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>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><br>                                        |                                  | 09 40 016 0311                                                       |    |
| Han® HPR,<br>Surface mounted housings,<br>screw locking,<br>horizontal version<br><br>                  | 1xM32                            | 19 40 016 0912                                                       |                                                                                       |
| Han® HPR,<br>Surface mounted housings,<br>side entry,<br>screw locking<br><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><br> | 2xM32                            | 19 40 016 0922                                                       |                                                                                       |
| Han® HPR,<br>Surface mounted housings,<br>without cable entry,<br>screw locking<br><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

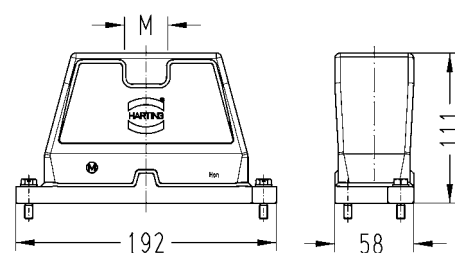
Drawing  
Dimensions in mm

Han® HPR,  
Hoods,  
top entry,  
toggle locking



1xM32  
1xM63

19 40 024 0402  
19 40 024 0410

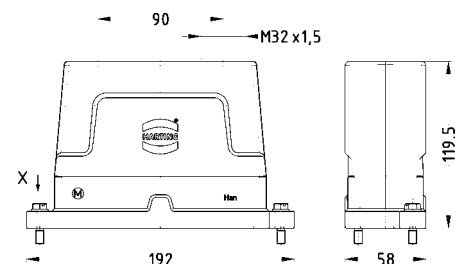
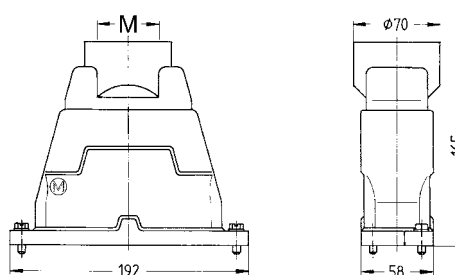
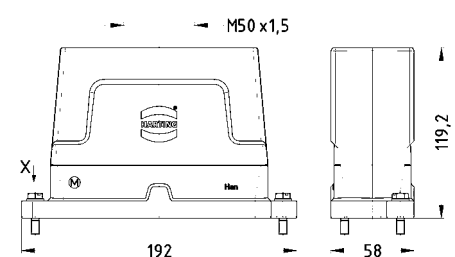
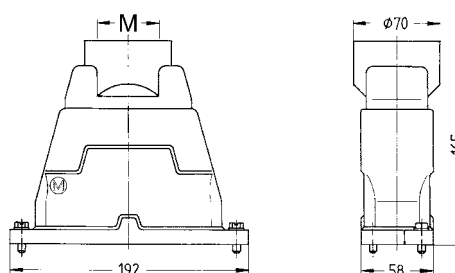


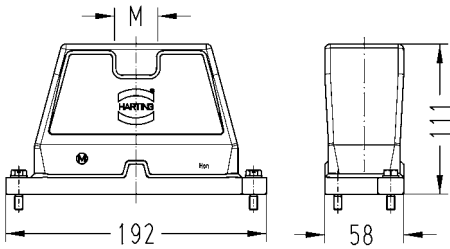
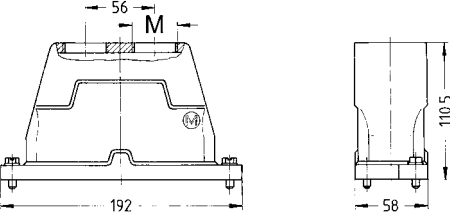
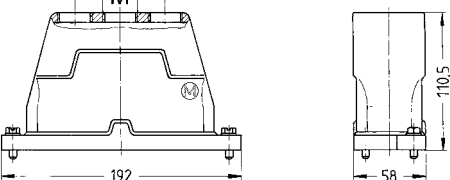
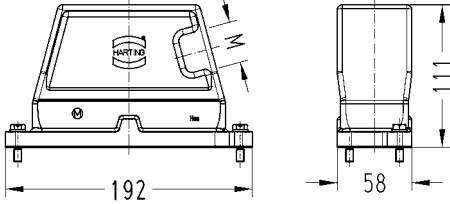
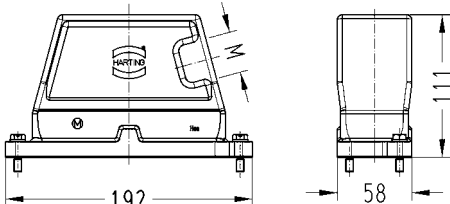
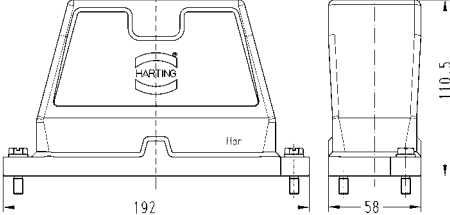
Han® HPR,  
Hoods,  
top entry,  
screw locking,  
high construction

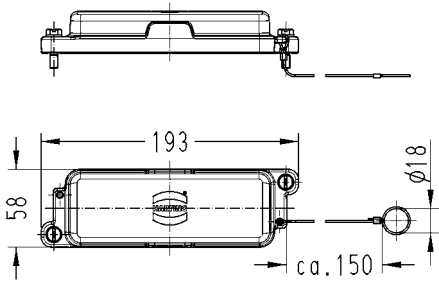
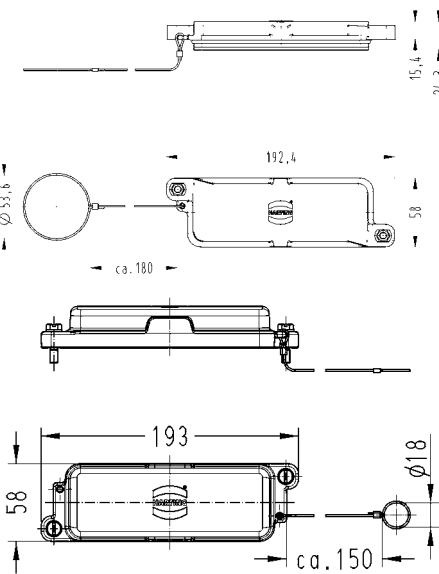
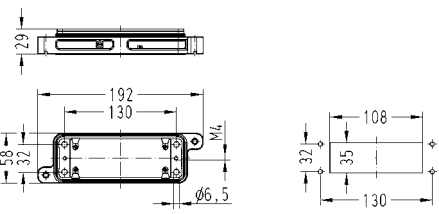
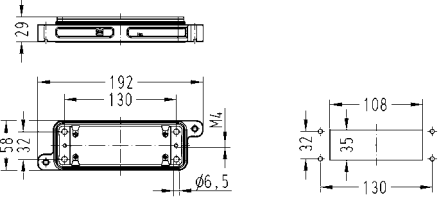


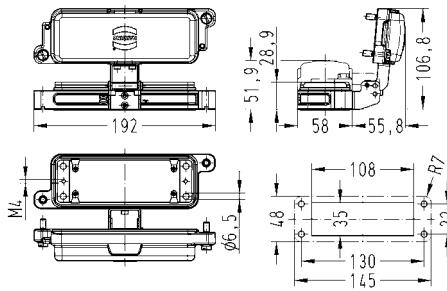
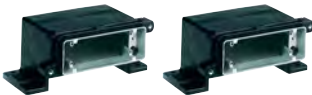
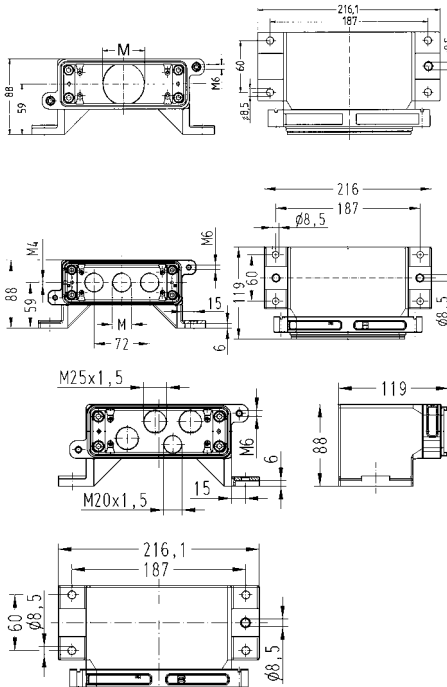
1xM50  
1xM63  
3xM32  
4xM25

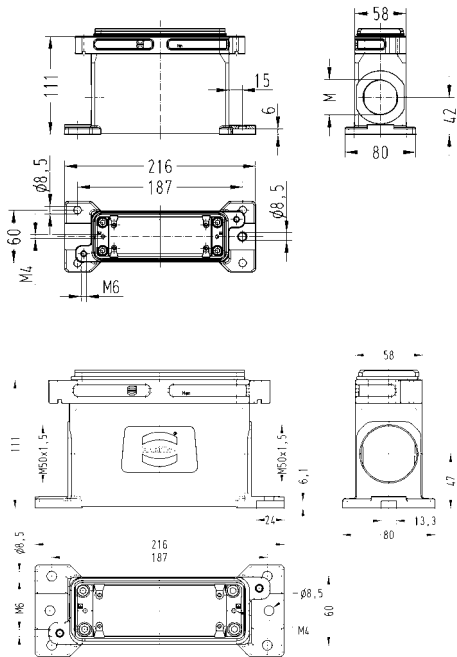
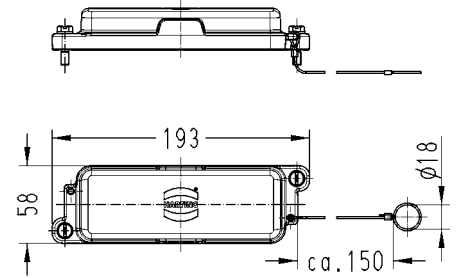
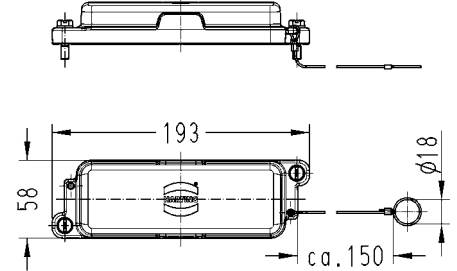
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19 40 024 0420  
19 40 024 0467  
19 40 024 0477

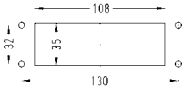
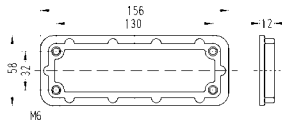


| Identification                                                            | Cable entry                                                                                   | Part number                                                                                                                                                                      | 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<br><br>                |                                | 09 40 024 0317                                     |  <p>Technical drawing showing front, side, and top views of a bulkhead mounted housing. Dimensions include: 192 (width), 51.9 (height), 28.9 (depth), 58 (base width), 55.8 (base depth), 106.8 (total height), 108 (top width), 35 (top depth), 130 (bottom width), 145 (bottom depth), 48 (side flange width), 32 (side flange thickness), R7 (fillet radius), and Ø6.5 (mounting hole diameter).</p>                                                                                                                                                                                                       |
| Han® HPR,<br>Surface mounted housings,<br>horizontal version,<br>top entry,<br>screw locking<br><br> | 1xM50<br>3xM25<br>3xM25, 1xM20 | 19 40 024 0914<br>19 40 024 0931<br>19 40 024 0971 |  <p>Technical drawing showing front, side, and top views of a surface mounted housing. Dimensions include: 216.1 (width), 187 (depth), 88 (height), 59 (flange height), M (terminal pitch), M6 (terminal thread), L (terminal length), Ø8.5 (terminal hole diameter), 60 (flange width), 119 (housing depth), 6 (base thickness), 15 (terminal offset), M25x1.5 (terminal thread), M20x1.5 (base thread), 119 (housing width), 88 (housing height), 216.1 (housing width), 187 (housing depth), 60 (housing flange width), Ø8.5 (housing terminal hole diameter), and Ø8.5 (housing base hole diameter).</p> |
| 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><div>Panel cut out</div></div> |

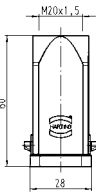
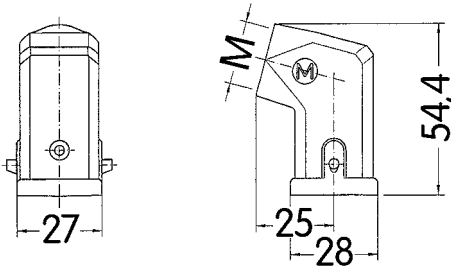
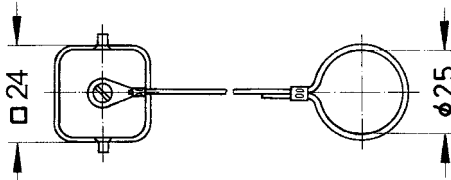
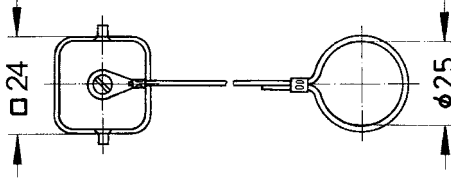
## Specifications and approvals

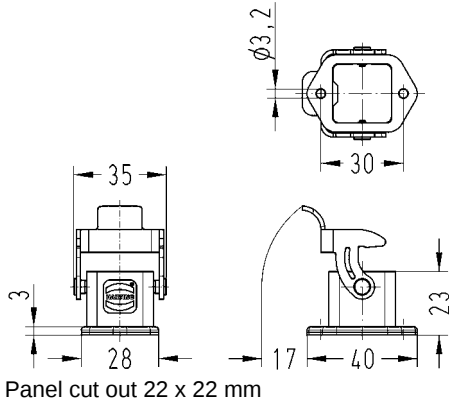
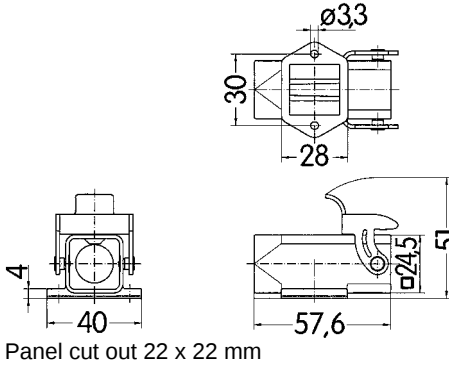
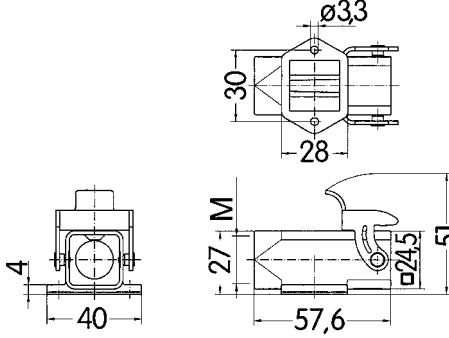
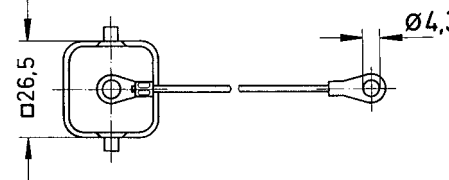
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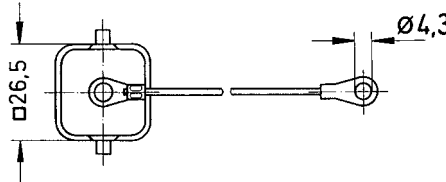
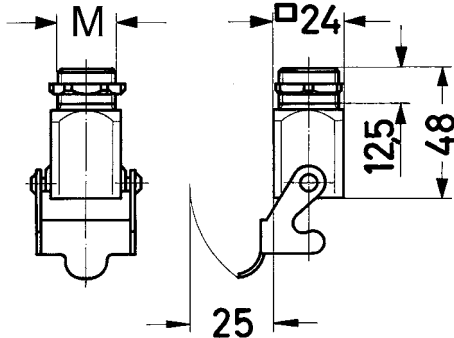
GL

|                                            |                                                                           |
|--------------------------------------------|---------------------------------------------------------------------------|
| 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                                                           |

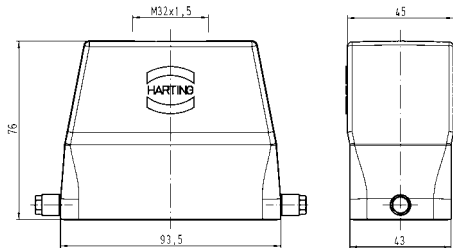
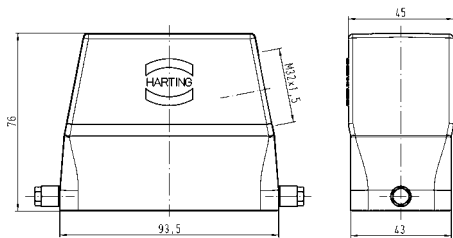
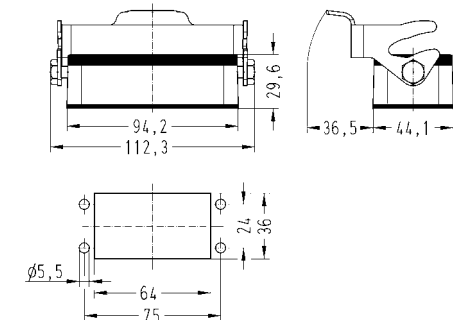
Hoods/Housings for aggressive environmental requirements  
double locking lever

| 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</p> <p>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> |

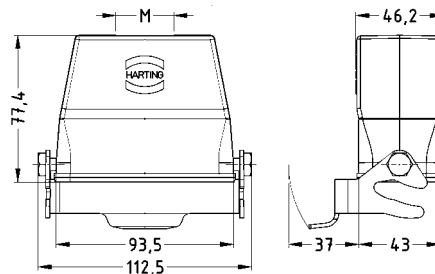
| Identification                                                                                                                                                 | Cable entry | Part number    | Drawing<br>Dimensions in mm                                                          |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|----------------|--------------------------------------------------------------------------------------|
| 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



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