

Series HD



## Series HD

### **HD-Inserts 7 - 128 Pole Crimp contacts**

- Stamped or turned crimp contacts
- Pole number:  
7, 8, 15, 16, 24, 25, 40, 50, 64, 80, 128

## Series HD

### Technical data

Standards

Approvals

### Series HD

DIN VDE 0627

DIN VDE 0110

#### Inserts

|                               |                                                  |
|-------------------------------|--------------------------------------------------|
| Contact numbers               | 7, 8, 15, 16, 24, 25, 40, 50, 64, 80, 128 ( +PE) |
| Rated current                 | 10 A max.                                        |
| Rated voltage (VDE 110/1.89 ) | 250V                                             |
| Rated impulse voltage         | 4 kV                                             |
| Pollution degree              | 3                                                |
| Contact resistance            | 10 <sup>15</sup> Ohmcm                           |
| Material                      | Thermoplastic                                    |
|                               | glass-fibre reinforced ( UL listed )             |
| Temperature range             | -40° .... + 125° C                               |
| Flammability class acc. UL 94 | V-0                                              |
| Mechanical durability         |                                                  |
| - insertion frequency Sn      | ≤ 50                                             |
| - insertion frequency Ag      | ≤ 100                                            |
| - insertion frequency Au      | ≤ 500                                            |
| Rated voltage                 |                                                  |
| - acc. UL / CSA               | 250 V                                            |
| Connection method             | Crimp                                            |

### Technical data

### Series HD

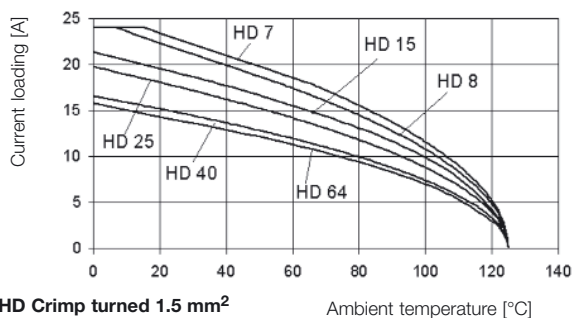
#### Contacts

|                             |                        |
|-----------------------------|------------------------|
| Material                    | Copper alloy           |
| Plating                     |                        |
| - tin plated                | 2 to 5 µm              |
| - silver plated             | 3 µm Ag                |
| - gold plated               | 0.8 µm Au over 2 µm Ni |
| Through resistance          | < 3mOhm                |
| Clamping range              |                        |
| - mm <sup>2</sup>           | 0.14 - 2.5             |
| - AWG                       | 26 ... 14              |
| Insulation stripping length |                        |
| - stamped crimp contacts    | 3.5 mm                 |
| - turned crimp contacts     | 8.0 mm                 |

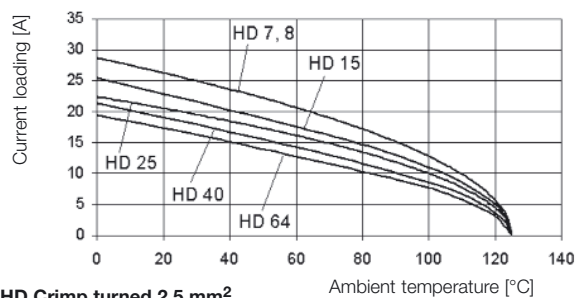
#### Housings

|                                   |                                |
|-----------------------------------|--------------------------------|
| Material                          |                                |
| Group size 1                      | Die cast zinc / thermoplastic  |
| Group size 2 -12                  | Aluminium die casting AL-Si 12 |
| Flammability class acc. UL 94     |                                |
| ( Group size 1 in thermoplastic ) | V-0                            |
| Plating                           | Powder coating, grey           |
| Locking                           |                                |
| - standard                        | Steel, zinc plated             |
| Gasket                            | NBR                            |
| Temperature range                 | -40° .... + 125° C             |
| Protection in accordance with DIN |                                |
| - when locked                     | IP 65                          |

### Derating curves



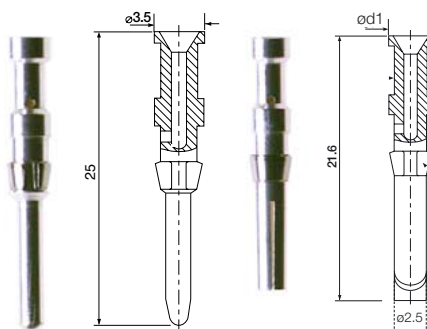
HD Crimp turned 1.5 mm<sup>2</sup>



HD Crimp turned 2.5 mm<sup>2</sup>

Further derating curves on request

### Turned crimp contacts for HD, HDD and ConCept housing inserts



#### Crimp male

| Cross-sec. mm <sup>2</sup> | AWG     | Plating | Type                   | Cat. No.          | Qty. |
|----------------------------|---------|---------|------------------------|-------------------|------|
| 0.14 - 0.37                | 26...22 | Au      | HDC-C-HD-SM0.14-0.37Au | <b>1651620000</b> | 100  |
|                            | 26...22 | Ag      | HDC-C-HD-SM0.14-0.37Ag | <b>1651520000</b> | 100  |
| 0.5                        | 20      | Au      | HDC-C-HD-SM0.5Au       | <b>1651630000</b> | 100  |
|                            | 20      | Ag      | HDC-C-HD-SM0.5Ag       | <b>1651530000</b> | 100  |
| 0.75 - 1.00                | 18      | Au      | HDC-C-HD-SM0.75-1.00Au | <b>1651640000</b> | 100  |
|                            | 18      | Ag      | HDC-C-HD-SM0.75-1.00Ag | <b>1601750000</b> | 100  |
| 1.5                        | 16      | Au      | HDC-C-HD-SM1.5Au       | <b>1651650000</b> | 100  |
|                            | 16      | Ag      | HDC-C-HD-SM1.5Ag       | <b>1651550000</b> | 100  |
| 2.5                        | 14      | Au      | HDC-C-HD-SM2.5Au       | <b>1651660000</b> | 100  |
|                            | 14      | Ag      | HDC-C-HD-SM2.5Ag       | <b>1651560000</b> | 100  |

#### Crimp female

| Cross-sec. mm <sup>2</sup> | AWG     | Plating | Type                   | Cat. No.          | Qty. |
|----------------------------|---------|---------|------------------------|-------------------|------|
| 0.14 - 0.37                | 26...22 | Au      | HDC-C-HD-BM0.14-0.37Au | <b>1651670000</b> | 100  |
|                            | 26...22 | Ag      | HDC-C-HD-BM0.14-0.37Ag | <b>1651570000</b> | 100  |
| 0.5                        | 20      | Au      | HDC-C-HD-BM0.5Au       | <b>1651680000</b> | 100  |
|                            | 20      | Ag      | HDC-C-HD-BM0.5Ag       | <b>1651580000</b> | 100  |
| 0.75 - 1.00                | 18      | Au      | HDC-C-HD-BM0.75-1.00Au | <b>1651690000</b> | 100  |
|                            | 18      | Ag      | HDC-C-HD-BM0.75-1.00Ag | <b>1601760000</b> | 100  |
| 1.5                        | 16      | Au      | HDC-C-HD-BM1.5Au       | <b>1651700000</b> | 100  |
|                            | 16      | Ag      | HDC-C-HD-BM1.5Ag       | <b>1651600000</b> | 100  |
| 2.5                        | 14      | Au      | HDC-C-HD-BM2.5Au       | <b>1651710000</b> | 100  |
|                            | 14      | Ag      | HDC-C-HD-BM2.5Ag       | <b>1651610000</b> | 100  |

## Series HD

### Stamped crimp contacts for HD housing inserts

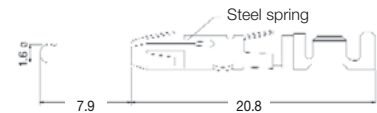
#### Single contacts



#### Bandolier contacts

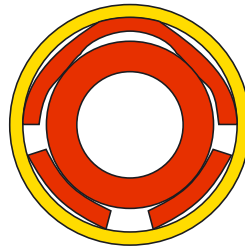


#### CB/CS-contact



#### Contact system CB/CS

- High contact reliability with four defined contact points
- Locating hooks in the steel spring offer a reliable fit in the housing
- As many as 500 mating cycles (gold version)
- As many as 100 mating cycles (tin version)



### Stamped crimp contacts CB/CS, 4 contact points

#### Crimp male

| Cross-sec. mm <sup>2</sup> | AWG     | Insul.-ø mm | Plating |
|----------------------------|---------|-------------|---------|
| 0.14...0.2                 | 26...24 | 0.8...1.4   | Au      |
|                            |         |             | Sn Pb   |
| 0.32...0.5                 | 22...20 | 1.1...1.8   | Au      |
|                            |         |             | Sn Pb   |
| 0.32...0.5                 | 22...20 | 2.0...2.5   | Au      |
|                            |         |             | Sn Pb   |
| 0.75...1.5                 | 18...16 | 2.0...2.5   | Au      |
|                            |         |             | Sn Pb   |
| 0.75...1.5                 | 18...16 | 2.0...3.5   | Sn Pb   |

#### Single contacts

| Type                         | Cat. No.          | Qty. |
|------------------------------|-------------------|------|
| CS 1.6 HD E 26...24 AU I 1.4 | <b>1542200000</b> | 250  |
| CS 1.6 HD E 26...24 SN I 1.4 | <b>1542600000</b> | 250  |
| CS 1.6 HD E 22...20 AU I 1.8 | <b>1542800000</b> | 250  |
| CS 1.6 HD E 22...20 SN I 1.8 | <b>1543200000</b> | 250  |
| CS 1.6 HD E 22...20 AU I 2.5 | <b>1543400000</b> | 250  |
| CS 1.6 HD E 22...20 SN I 2.5 | <b>1543800000</b> | 250  |
| CS 1.6 HD E 18...16 AU I 2.5 | <b>1544000000</b> | 250  |
| CS 1.6 HD E 18...16 SN I 2.5 | <b>1544400000</b> | 250  |
| CS 1.6 HD E 18...16 SN I 3.5 | <b>1582520000</b> | 250  |

#### Bandolier contacts

| Type                         | Cat. No.          | Qty. |
|------------------------------|-------------------|------|
| CS 1.6 HD R 26...24 AU I 1.4 | <b>1542100000</b> | 5000 |
| CS 1.6 HD R 26...24 SN I 1.4 | <b>1542500000</b> | 5000 |
| CS 1.6 HD R 22...20 AU I 1.8 | <b>1542700000</b> | 5000 |
| CS 1.6 HD R 22...20 SN I 1.8 | <b>1543100000</b> | 5000 |
| CS 1.6 HD R 22...20 AU I 2.5 | <b>1543300000</b> | 5000 |
| CS 1.6 HD R 22...20 SN I 2.5 | <b>1543700000</b> | 5000 |
| CS 1.6 HD R 18...16 AU I 2.5 | <b>1543900000</b> | 5000 |
| CS 1.6 HD R 18...16 SN I 2.5 | <b>1544300000</b> | 5000 |
| CS 1.6 HD R 18...16 I 3.5    | <b>1582530000</b> | 4000 |

#### Crimp female

| Cross-sec. mm <sup>2</sup> | AWG     | Insul.-ø mm | Plating |
|----------------------------|---------|-------------|---------|
| 0.14...0.2                 | 26...14 | 0.8...1.4   | Au      |
|                            |         |             | Sn Pb   |
| 0.32...0.5                 | 22...20 | 1.1...1.8   | Au      |
|                            |         |             | Sn Pb   |
| 0.32...0.5                 | 22...20 | 2.0...2.5   | Au      |
|                            |         |             | Sn Pb   |
| 0.75...1.5                 | 18...16 | 2.0...2.5   | Au      |
|                            |         |             | Sn Pb   |
| 0.75...1.5                 | 18...16 | 2.0...3.5   | Sn Pb   |

| Type                         | Cat. No.          | Qty. |
|------------------------------|-------------------|------|
| CB 1.6 26...24 AU, 75 I 1.4  | <b>1420900000</b> | 250  |
| CB 1.6 26...24 SN I 1.4      | <b>1421900000</b> | 250  |
| CB 1.6 22...20 AU, 75 I 1.8  | <b>1422900000</b> | 250  |
| CB 1.6 22...20 SN I 1.8      | <b>1423900000</b> | 250  |
| CB 1.6 22...20 AU, 75 I 2.5  | <b>1424900000</b> | 250  |
| CB 1.6 22...20 SN I 2.5      | <b>1425900000</b> | 250  |
| CB 1.6 18...16 AU, 75 I 2.5  | <b>1426900000</b> | 250  |
| CB 1.6 18...16 SN I 2.5      | <b>1427900000</b> | 250  |
| CB 1.6 16...18 AU 0.75 I 3.5 | <b>1582410000</b> | 250  |
| CB 1.6 16...18 SN I 3.5      | <b>1582430000</b> | 250  |

| Type                         | Cat. No.          | Qty. |
|------------------------------|-------------------|------|
| CB 1.6 26...24 AU, 75 I 1.4  | <b>1420800000</b> | 5000 |
| CB 1.6 26...24 SN I 1.4      | <b>1421800000</b> | 5000 |
| CB 1.6 22...20 AU, 75 I 1.8  | <b>1422800000</b> | 5000 |
| CB 1.6 22...20 SN I 1.8      | <b>1423800000</b> | 5000 |
| CB 1.6 22...20 AU, 75 I 2.5  | <b>1424800000</b> | 5000 |
| CB 1.6 22...20 SN I 2.5      | <b>1425800000</b> | 5000 |
| CB 1.6 18...16 AU, 75 I 2.5  | <b>1426800000</b> | 5000 |
| CB 1.6 18...16 SN I 2.5      | <b>1427800000</b> | 5000 |
| CB 1.6 18...16 AU 0.75 I 3.5 | <b>1582420000</b> | 4000 |
| CB 1.6 18...16 SN I 3.5      | <b>1582440000</b> | 4000 |

Inserts Group Size 1

Crimp connection series HD-7

7-pole + PE250 V-/max. 10 A

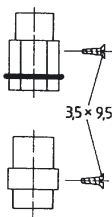
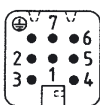
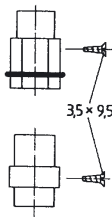
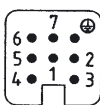


Male



Female

Dimensions



Crimp connection series HD-8

8-pole + PE250 V-/max. 10 A

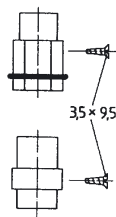
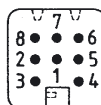
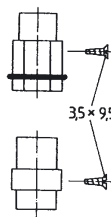
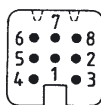


Male



Female

Dimensions



| Version              | Type        | Cat. No.   | Qty. |
|----------------------|-------------|------------|------|
| For stamped contacts |             |            |      |
| Male                 | HDC-HD-7SCG | 1650550000 | 10   |
| Female               | HDC-HD-7BCG | 1650560000 | 10   |
| For turned contacts  |             |            |      |
| Male                 | HDC-HD-7SCM | 1650570000 | 10   |
| Female               | HDC-HD-7BCM | 1650580000 | 10   |

For crimp contacts see page 62 and 63

250 V only when using plastic housing  
42 V only when using metal housing

| Version             | Type        | Cat. No.   | Qty. |
|---------------------|-------------|------------|------|
| For turned contacts |             |            |      |
| Male                | HDC-HD-8SCM | 1650590000 | 10   |
| Female              | HDC-HD-8BCM | 1650600000 | 10   |

For crimp contacts see page 62 and 63

250 V only when using plastic housing  
42 V only when using metal housing

For accessories see section "Accessories"

## Housings Group Size 1

### Plug hood HA-3/HAD-7

End locking / lower side



TOVL

### Plug hood HA-3/HAD-7

End locking / lower side



TWVL

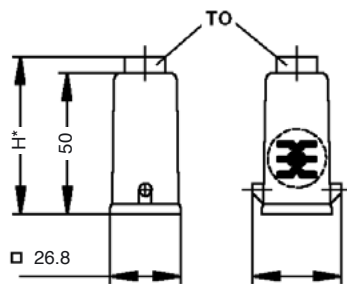
### Base housing HA-3/HAD-7

End locking



SVL

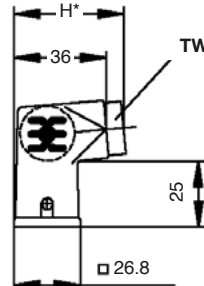
#### Dimensions



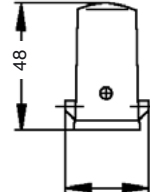
H\* M = 50  
PG, Metal = 57  
PG, Plastic = 62

HAD=36  
HA=33.5

#### Dimensions

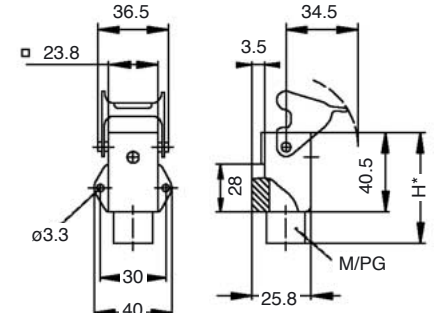


H\* M = 36  
PG, Metal = 43  
PG, Plastic = 48



HAD=36  
HA=33.5

#### Dimensions



H\* M = 40.5  
PG, Metal = 57  
PG, Plastic = 62

| Version                               | Type                 | Cat. No.   | Qty. |
|---------------------------------------|----------------------|------------|------|
| <b>Plastic housing, metric thread</b> |                      |            |      |
| 1 x M 20 thread                       | HDC HAD7 TOVL 1xM20G | 1788520000 | 10   |
| <b>Plastic housing, PG thread</b>     |                      |            |      |
| 1 x Pg 11 complete                    | HDC-HAD-7-TOVL1/11P  | 1652370000 | 10   |
| 1 x Pg 11 sleeve                      | HDC-HAD-7-TOVL1/11   | 1652380000 | 10   |
| <b>Metal housing, metric thread</b>   |                      |            |      |
| 1 x M 20 thread                       | HDC HA3 TOVL 1xM20G  | 1788820000 | 10   |
| <b>Metal housing, PG thread</b>       |                      |            |      |
| 1 x Pg 11 complete                    | HDC-HA-3-TOVL1/11P   | 1498500000 | 10   |
| 1 x Pg 11 sleeve                      | HDC-HA-3-TOVL1/11    | 1652470000 | 10   |

**TOVL** = Plug hood; Top cable entry, end locking  
**HAD-7** = Plastic housing  
**HA-3** = Metal housing

| Version                               | Type                 | Cat. No.   | Qty. |
|---------------------------------------|----------------------|------------|------|
| <b>Plastic housing, metric thread</b> |                      |            |      |
| 1 x M 20 thread                       | HDC HAD7 TWVL 1xM20G | 1788510000 | 10   |
| <b>Plastic housing, PG thread</b>     |                      |            |      |
| 1 x Pg 11 complete                    | HDC-HAD-7-TWVL1/11P  | 1652390000 | 10   |
| 1 x Pg 11 sleeve                      | HDC-HAD-7-TWVL1/11   | 1652400000 | 10   |
| <b>Metal housing, metric thread</b>   |                      |            |      |
| 1 x M 20 thread                       | HDC HA3 TWVL 1xM20G  | 1788810000 | 10   |
| <b>Metal housing, PG thread</b>       |                      |            |      |
| 1 x Pg 11 complete                    | HDC-HA-3-TWVL1/11P   | 1498600000 | 10   |
| 1 x Pg 11 sleeve                      | HDC-HA-3-TWVL1/11    | 1652480000 | 10   |

**TWVL** = Plug hood angled, end locking  
**HAD-7** = Plastic housing  
**HA-3** = Metal housing

| Version                               | Type                | Cat. No.   | Qty. |
|---------------------------------------|---------------------|------------|------|
| <b>Plastic housing, metric thread</b> |                     |            |      |
| 1 x M 20 thread                       | HDC HAD7 SVL 1xM20G | 1788530000 | 10   |
| <b>Plastic housing, PG thread</b>     |                     |            |      |
| 1 x Pg 11 complete                    | HDC-HAD-7-SVL1/11P  | 1652430000 | 10   |
| 1 x Pg 11 sleeve                      | HDC-HAD-7-SVL1/11   | 1652440000 | 10   |
| <b>Metal housing, metric thread</b>   |                     |            |      |
| 1 x M 20 sleeve                       | HDC HA3 SVL 1xM20   | 1788830000 | 10   |
| <b>Metal housing, PG thread</b>       |                     |            |      |
| 1 x Pg 11 complete                    | HDC-HA-3-SVL1/11P   | 1497800000 | 10   |
| 1 x Pg 11 sleeve                      | HDC-HA-3-SVL1/11    | 1652490000 | 10   |

**SVL** = Base housing, end locking  
**HAD-7** = Plastic housing  
**HA-3** = Metal housing

For accessories see section "Accessories"

## Housings Group Size 1

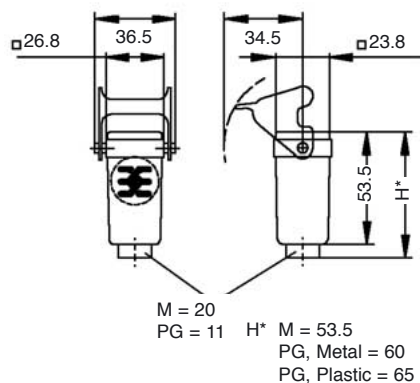
### Coupling hood HA-3/HAD-7

End locking



KVL

Dimensions



| Version                                | Type                | Cat. No.   | Qty. |
|----------------------------------------|---------------------|------------|------|
| <b>Plastic housings, metric thread</b> |                     |            |      |
| 1 x M 20 thread                        | HDC HAD7 KVL 1xM20G | 1788540000 | 10   |
| <b>Plastic housings, PG thread</b>     |                     |            |      |
| 1 x Pg 11 complete                     | HDC-HAD-7-KVL1/11P  | 1652450000 | 10   |
| 1 x Pg 11 sleeve                       | HDC-HAD-7-KVL1/11   | 1652460000 | 10   |
| <b>Metal housings, metric thread</b>   |                     |            |      |
| 1 x M 20 thread                        | HDC HA3 KVL 1xM20G  | 1788840000 | 10   |
| <b>Metal housings, PG thread</b>       |                     |            |      |
| 1 x Pg 11 complete                     | HDC-HA-3-KVL1/11P   | 1497900000 | 10   |
| 1 x Pg 11 sleeve                       | HDC-HA-3-KVL1/11    | 1652500000 | 10   |

KVL = Coupling hood, end locking

HAD-7 = Plastic housing

HA-3 = Metal housing

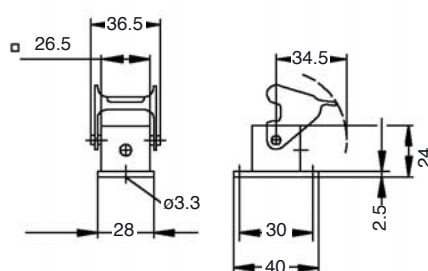
### Bulkhead housing HA-3/HAD-7

End locking



AVL

Dimensions



| Version                 | Type          | Cat. No.   | Qty. |
|-------------------------|---------------|------------|------|
| <b>Plastic housings</b> |               |            |      |
|                         | HDC-HAD-7-AVL | 1652410000 | 10   |
| <b>Metal housings</b>   |               |            |      |
|                         | HDC-HA-3-AVL  | 1497600000 | 10   |

AVL = Bulkhead housing, end locking  
HAD-7 = Plastic housing  
HA-3 = Metal housing

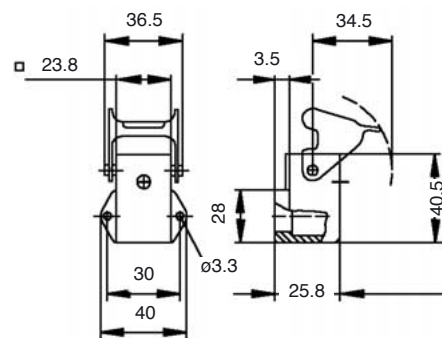
### Bulkhead housing angled HA-3/HAD-7

End locking



AWVL

Dimensions

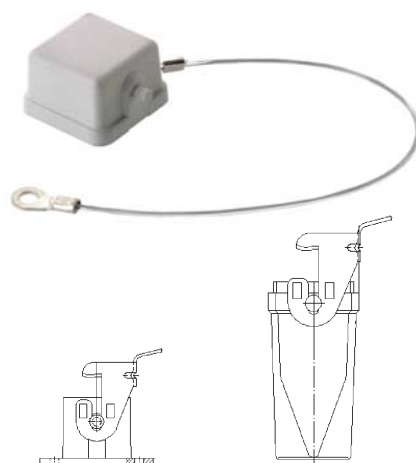


| Version                | Type           | Cat. No.   | Qty. |
|------------------------|----------------|------------|------|
| <b>Plastic housing</b> |                |            |      |
|                        | HDC-HAD-7-AWVL | 1652420000 | 10   |
| <b>Metal housing</b>   |                |            |      |
|                        | HDC-HA-3-AWVL  | 1497700000 | 10   |

AWVL = Bulkhead housing angled, end locking  
HAD-7 = Plastic housing  
HA-3 = Metal housing

### Cover for housing with end locking

Plastic / Cover with cord

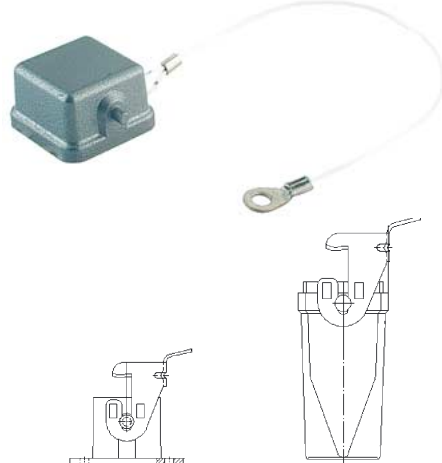


| Version / Type       | Cat. No.   | Qty. |
|----------------------|------------|------|
| <b>Plastic cover</b> |            |      |
| HDC-HA-3-KDBF-S      | 1665760000 | 10   |
| HDC-HA-3-KDBF-B      | 1665770000 | 10   |

S = Cover without sealing when using male inserts

B = Cover with sealing when using female inserts

Metal / Cover with cord



| Version / Type     | Cat. No.   | Qty. |
|--------------------|------------|------|
| <b>Metal cover</b> |            |      |
| HDC-HA-3-MDBF-S    | 1665740000 | 10   |
| HDC-HA-3-MDBF-B    | 1665750000 | 10   |

S = Cover without sealing when using male inserts

B = Cover with sealing when using female inserts

For accessories see section "Accessories"

## Inserts Group Size 2

## Crimp connection series HD-15

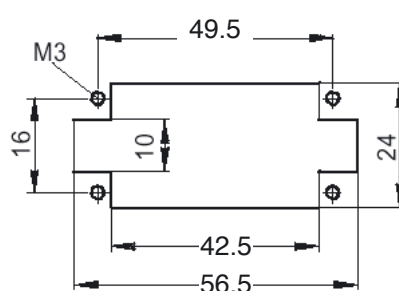
|         |                 |
|---------|-----------------|
| 15-pole | 250 V-/max 10 A |
|---------|-----------------|

|         |                 |
|---------|-----------------|
| 15-pole | 250 V-/max 10 A |
|---------|-----------------|



**Female**

## Dimensions



Female

|   |  |  |  |
|---|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|   | A                                                                                   | B                                                                                   | C                                                                                   |
| 1 | o                                                                                   | o                                                                                   | o                                                                                   |
| 2 | o                                                                                   | o                                                                                   | o                                                                                   |
| 3 | o                                                                                   | o                                                                                   | o                                                                                   |
| 4 | o                                                                                   | o                                                                                   | o                                                                                   |
| 5 | o                                                                                   | o                                                                                   | o                                                                                   |

|    | C | B | A |
|----|---|---|---|
| 10 | 0 | 0 | 1 |
| 20 | 0 | 0 | 2 |
| 30 | 0 | 0 | 3 |
| 40 | 0 | 0 | 4 |
| 50 | 0 | 0 | 5 |

View from cable side

[illegible][illegible]

For crimp contacts see page 62 and 63

For accessories see section "Accessories"



## Housings Group Size 2

### Plug hood HA-10

End locking / lower side

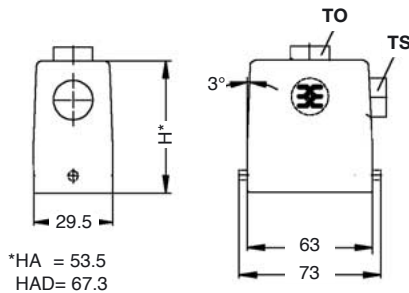


TOVL



TSVL

Dimensions



| Version                                 | Type                  | Cat. No.   | Qty. |
|-----------------------------------------|-----------------------|------------|------|
| <b>Standard housings, metric thread</b> |                       |            |      |
| 1 x M 20 thread                         | HDC HA10 TOVL 1xM20G  | 1788620000 | 5    |
| 1 x M 25 thread                         | HDC HA10 TOVL 1xM25G  | 1788610000 | 5    |
| 1 x M 20 sleeve                         | HDC HA10 TSVL 1xM20   | 1788600000 | 5    |
| 1 x M 25 sleeve                         | HDC HA10 TSVL 1xM25   | 1788590000 | 5    |
| 1 x M 20 thread                         | HDC HAD15 TOVL 1xM20G | 1788880000 | 5    |
| 1 x M 25 thread                         | HDC HAD15 TOVL 1xM25G | 1788870000 | 5    |
| 1 x M 20 thread                         | HDC HAD15 TSVL 1xM20G | 1788860000 | 5    |
| 1 x M 25 thread                         | HDC HAD15 TSVL 1xM25G | 1788850000 | 5    |
| <b>Standard housings, PG thread</b>     |                       |            |      |
| 1 x Pg16 complete                       | HDC-HA-10-TOVL1/16P   | 1663920000 | 5    |
| 1 x Pg16 sleeve                         | HDC-HA-10-TOVL1/16    | 1663930000 | 5    |
| 1 x Pg16 complete                       | HDC-HA-10-TSVL1/16P   | 1663800000 | 5    |
| 1 x Pg16 sleeve                         | HDC-HA-10-TSVL1/16    | 1663810000 | 5    |
| 1 x Pg16 complete                       | HDC-HAD-15-TOVL1/16P  | 1663960000 | 5    |
| 1 x Pg21 complete                       | HDC-HAD-15-TOVL1/21P  | 1663980000 | 5    |
| 1 x Pg21 sleeve                         | HDC-HAD-15-TOVL1/21   | 1663990000 | 5    |
| 1 x Pg16 complete                       | HDC-HAD-15-TSVL1/16P  | 1663840000 | 5    |
| 1 x Pg16 sleeve                         | HDC-HAD-15-TSVL1/16   | 1663850000 | 5    |
| 1 x Pg21 complete                       | HDC-HAD-15-TSVL1/21P  | 1663860000 | 5    |
| 1 x Pg21 sleeve                         | HDC-HAD-15-TSVL1/21   | 1663870000 | 5    |

TOVL = Plug hood; Top cable entry, end locking  
TSVL = Plug hood; Side cable entry, end locking

### Base housing HA-10

End locking / with/without cover

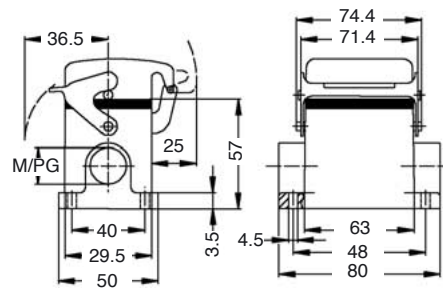


SVL



SDVL

Dimensions



| Version                                            | Type                 | Cat. No.   | Qty. |
|----------------------------------------------------|----------------------|------------|------|
| <b>Standard housings, metric thread</b>            |                      |            |      |
| 2 x M 20 thread                                    | HDC HA10 SVL 2xM20G  | 1788640000 | 5    |
| 2 x M 25 thread                                    | HDC HA10 SVL 2xM25G  | 1788630000 | 5    |
| <b>Standard housings with cover, metric thread</b> |                      |            |      |
| 2 x M 20 thread                                    | HDC HA10 SDVL 2xM20G | 1788660000 | 5    |
| 2 x M 25 thread                                    | HDC HA10 SDVL 2xM25G | 1788650000 | 5    |
| <b>Standard housings, PG thread</b>                |                      |            |      |
| 1 x Pg16 complete                                  | HDC-HA-10-SVL1/16P   | 1664160000 | 5    |
| 1 x Pg16 sleeve                                    | HDC-HA-10-SVL1/16    | 1664170000 | 5    |
| 1 x Pg21 complete                                  | HDC-HA-10-SVL1/21P   | 1664200000 | 5    |
| 1 x Pg21 sleeve                                    | HDC-HA-10-SVL1/21    | 1664210000 | 5    |
| 2 x Pg16 complete                                  | HDC-HA-10-SVL2/16P   | 1664180000 | 5    |
| 2 x Pg16 sleeve                                    | HDC-HA-10-SVL2/16    | 1664190000 | 5    |
| <b>Standard housings with cover, PG thread</b>     |                      |            |      |
| 1 x Pg16 complete                                  | HDC-HA-10-SDVL1/16P  | 1664400000 | 5    |
| 1 x Pg16 sleeve                                    | HDC-HA-10-SDVL1/16   | 1664410000 | 5    |
| 2 x Pg16 complete                                  | HDC-HA-10-SDVL2/16P  | 1664420000 | 5    |

SVL = Base housing, end locking  
SDVL = Base housing with cover, end locking

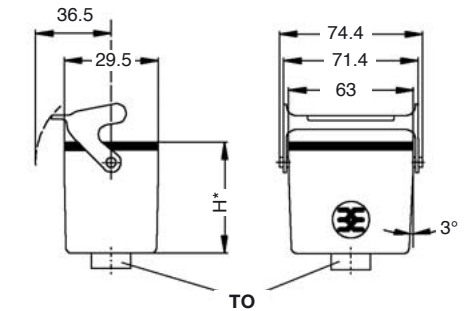
### Coupling hood HA-10 / HAD-15

End locking



KVL

Dimensions



| Version                                 | Type                 | Cat. No.   | Qty. |
|-----------------------------------------|----------------------|------------|------|
| <b>Standard housings, metric thread</b> |                      |            |      |
| 1 x M 25 thread                         | HDC HA10 KVL 1xM25G  | 1788670000 | 5    |
| 1 x M 25 thread                         | HDC HAD15 KVL 1xM25G | 1788890000 | 2    |
| <b>Standard housings, PG thread</b>     |                      |            |      |
| 1 x Pg16 complete                       | HDC-HA-10-KVL1/16P   | 1664560000 | 5    |
| 1 x Pg21 complete                       | HDC-HAD-15-KVL1/21P  | 1664620000 | 2    |
| 1 x Pg21 sleeve                         | HDC-HAD-15-KVL1/21   | 1664630000 | 2    |

KVL = Coupling hood, end locking

For accessories see section "Accessories"

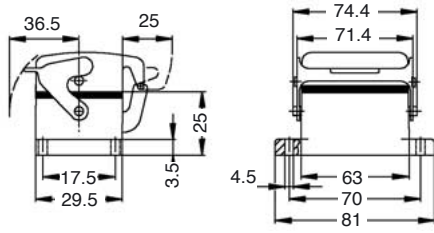
## Housings Group Size 2

### Bulkhead housing HA-10

### End locking / with/without cover



### Dimensions

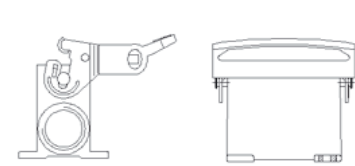


| Version                             | Type           | Cat. No.          | Qty. |
|-------------------------------------|----------------|-------------------|------|
| <b>Standard housings</b>            |                |                   |      |
|                                     | HDC-HA-10-AVL  | <b>1664040000</b> | 5    |
| <b>Standard housings with cover</b> |                |                   |      |
|                                     | HDC-HA-10-ADVL | <b>1664060000</b> | 5    |

**ADVL** = Bulkhead housing with cover, end locking

### Cover for plug hood

**Cover with cord**



| Version / Type       | Cat. No.          | Qty. |
|----------------------|-------------------|------|
| <b>Plastic cover</b> |                   |      |
| HDC-HA-10-KDF        | <b>1665890000</b> | 5    |

### Cover for housings with end locking

**Cover with cord**

| Version / Type       | Cat. No.          | Qty. |
|----------------------|-------------------|------|
| <b>Plastic cover</b> |                   |      |
| HDC-HA-10-KDBF       | <b>1665880000</b> | 5    |

### Inserts Group Size 3

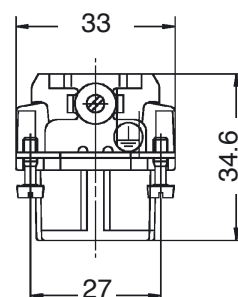
## Crimp connection series HD-16

16-pole 250 V-/max 10 A

16-pole 250 V-/max 10 A



## Dimensions

[illegible]

For accessories see section "Accessories"

[illegible]

---

## Housings Group Size 3

### Plug hood HB-6

End locking / lower side



TOVL

### Plug hood HBD-16

End locking / lower side / high version



TOVL

### Base housing HB-6

End locking, with/without cover

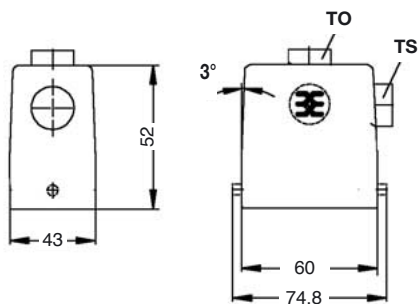


SVL

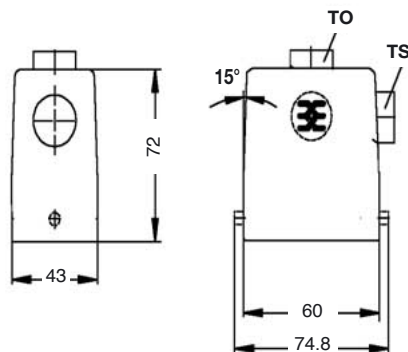


SDVL

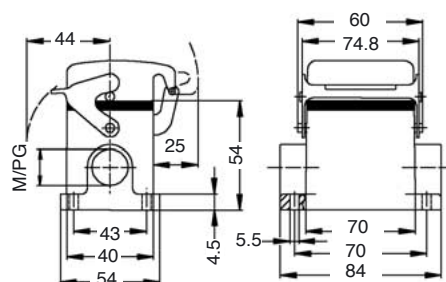
#### Dimensions



#### Dimensions



#### Dimensions



| Version                                 | Type                | Cat. No.   | Qty. |
|-----------------------------------------|---------------------|------------|------|
| <b>Standard housings, metric thread</b> |                     |            |      |
| 1 x M 20 thread                         | HDC HB6 TOVL 1xM20G | 1788120000 | 5    |
| 1 x M 25 thread                         | HDC HB6 TOVL 1xM25G | 1788110000 | 5    |
| 1 x M 20 thread                         | HDC HB6 TSVL 1xM20G | 1805930000 | 5    |
| 1 x M 20 sleeve                         | HDC HB6 TSVL 1xM20  | 1788100000 | 5    |
| 1 x M 25 sleeve                         | HDC HB6 TSVL 1xM25  | 1788090000 | 5    |
| <b>Standard housings, PG thread</b>     |                     |            |      |
| 1 x Pg13 complete                       | HDC-HB-6-TOVL1/13P  | 1201800000 | 5    |
| 1 x Pg13 sleeve                         | HDC-HB-6-TOVL1/13   | 1670500000 | 5    |
| 1 x Pg16 complete                       | HDC-HB-6-TOVL1/16P  | 1652630000 | 5    |
| 1 x Pg16 sleeve                         | HDC-HB-6-TOVL1/16   | 1652640000 | 5    |
| 1 x Pg13 complete                       | HDC-HB-6-TSVL1/13P  | 1201900000 | 5    |
| 1 x Pg13 sleeve                         | HDC-HB-6-TSVL1/13   | 1670530000 | 5    |
| 1 x Pg16 complete                       | HDC-HB-6-TSVL1/16P  | 1652510000 | 5    |
| 1 x Pg16 sleeve                         | HDC-HB-6-TSVL1/16   | 1652520000 | 5    |

| Version                                 | Type                  | Cat. No.   | Qty. |
|-----------------------------------------|-----------------------|------------|------|
| <b>Standard housings, metric thread</b> |                       |            |      |
| 1 x M 25 thread                         | HDC HBD16 TOVL 1xM25G | 1787500000 | 5    |
| 1 x M 32 thread                         | HDC HBD16 TOVL 1xM32G | 1787490000 | 5    |
| 1 x M 25 thread                         | HDC HBD16 TSVL 1xM25G | 1787480000 | 5    |
| 1 x M 32 thread                         | HDC HBD16 TSVL 1xM32G | 1787470000 | 5    |
| <b>Standard housings, PG thread</b>     |                       |            |      |
| 1 x Pg21 complete                       | HDC-HBD-16-TOVL1/21P  | 1652670000 | 5    |
| 1 x Pg21 sleeve                         | HDC-HBD-16-TOVL1/21   | 1652680000 | 5    |
| 1 x Pg29 complete                       | HDC-HBD-16-TOVL1/29P  | 1652690000 | 5    |
| 1 x Pg29 sleeve                         | HDC-HBD-16-TOVL1/29   | 1652700000 | 5    |
| 1 x Pg21 complete                       | HDC-HBD-16-TSVL1/21P  | 1652550000 | 5    |
| 1 x Pg21 sleeve                         | HDC-HBD-16-TSVL1/21   | 1652560000 | 5    |
| 1 x Pg29 complete                       | HDC-HBD-16-TSVL1/29P  | 1652570000 | 5    |
| 1 x Pg29 sleeve                         | HDC-HBD-16-TSVL1/29   | 1652580000 | 5    |

| Version                                            | Type                | Cat. No.   | Qty. |
|----------------------------------------------------|---------------------|------------|------|
| <b>Standard housings, metric thread</b>            |                     |            |      |
| 2 x M 20 thread                                    | HDC HB6 SVL 2xM20G  | 1788140000 | 5    |
| 2 x M 25 thread                                    | HDC HB6 SVL 2xM25G  | 1788130000 | 5    |
| <b>Standard housings with cover, metric thread</b> |                     |            |      |
| 2 x M 20 thread                                    | HDC HB6 SDVL 2xM20G | 1788170000 | 2    |
| 2 x M 25 thread                                    | HDC HB6 SDVL 2xM25G | 1788160000 | 2    |
| <b>Standard housings, PG thread</b>                |                     |            |      |
| 1 x Pg16 complete                                  | HDC-HB-6-SVL1/16P   | 1202200000 | 5    |
| 1 x Pg16 sleeve                                    | HDC-HB-6-SVL1/16    | 1652750000 | 5    |
| 2 x Pg16 complete                                  | HDC-HB-6-SVL2/16P   | 1202300000 | 5    |
| 2 x Pg16 sleeve                                    | HDC-HB-6-SVL2/16    | 1652760000 | 5    |
| <b>Standard housings with cover, PG thread</b>     |                     |            |      |
| 1 x Pg16 complete                                  | HDC-HB-6-SDVL1/16P  | 1202600000 | 2    |
| 1 x Pg16 sleeve                                    | HDC-HB-6-SDVL1/16   | 1652980000 | 2    |
| 2 x Pg16 complete                                  | HDC-HB-6-SDVL2/16P  | 1202700000 | 2    |
| 2 x Pg16 sleeve                                    | HDC-HB-6-SDVL2/16   | 1652990000 | 2    |

TOVL = Plug hood; Top cable entry, end locking  
TSVL = Plug hood; Side cable entry, end locking

TOVL = Plug hood; Top cable entry, end locking  
TSVL = Plug hood; Side cable entry, end locking

SVL = Base housing, end locking  
SDVL = Base housing with cover, end locking

For accessories see section "Accessories"

## Housings Group Size 3

### Base housing HBD-16

End locking, with/without cover, high version

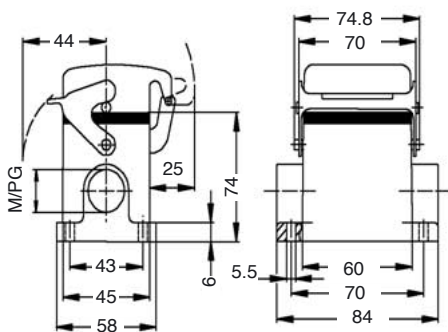


SVL



SDVL

#### Dimensions



| Version                                            | Type                  | Cat. No.          | Qty. |
|----------------------------------------------------|-----------------------|-------------------|------|
| <b>Standard housings with cover, metric thread</b> |                       |                   |      |
| 1 x M 25 thread                                    | HDC HBD16 SVL 2xM25G  | <b>1787520000</b> | 5    |
| 1 x M 32 thread                                    | HDC HBD16 SVL 2xM32G  | <b>1787510000</b> | 5    |
| 1 x M 25 thread                                    | HDC HBD16 SDVL 2xM25G | <b>1787540000</b> | 2    |
| 1 x M 32 thread                                    | HDC HBD16 SDVL 2xM32G | <b>1787530000</b> | 2    |
| <b>Standard housings with cover, PG thread</b>     |                       |                   |      |
| 1 x Pg21 complete                                  | HDC-HBD-16-SVL1/21P   | <b>1652810000</b> | 5    |
| 1 x Pg21 sleeve                                    | HDC-HBD-16-SVL1/21    | <b>1652820000</b> | 5    |
| 1 x Pg29 complete                                  | HDC-HBD-16-SVL1/29P   | <b>1652850000</b> | 5    |
| 2 x Pg21 sleeve                                    | HDC-HBD-16-SVL2/21    | <b>1652840000</b> | 5    |
| 1 x Pg21 complete                                  | HDC-HBD-16-SDVL1/21P  | <b>1653040000</b> | 2    |

SVL = Base housing, end locking  
SDVL = Base housing with cover, end locking

### Coupling hood HB-6 / HBD-16

End locking

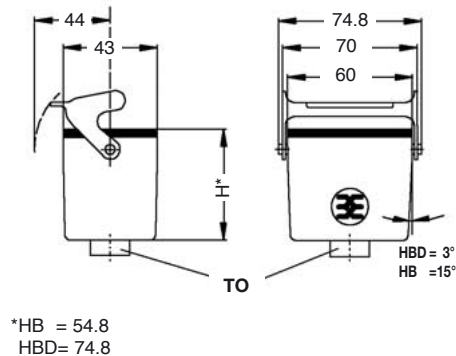


KVL



KVL

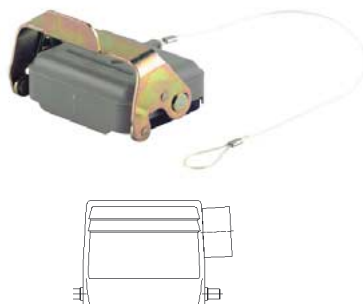
#### Dimensions



| Version                                 | Type                | Cat. No.          | Qty. |
|-----------------------------------------|---------------------|-------------------|------|
| <b>Standard housings, PG thread</b>     |                     |                   |      |
| 1 x Pg16 complete                       | HDC-HB-6-KVL1/16P   | <b>1202400000</b> | 5    |
| 1 x Pg16 sleeve                         | HDC-HB-6-KVL1/16    | <b>1653200000</b> | 5    |
| 1 x Pg21 complete                       | HDC-HBD-16-KVL1/21P | <b>1653230000</b> | 5    |
| <b>KVL = Coupling hood, end locking</b> |                     |                   |      |

### Cover for plug hood

Cover with cord



| Type                 | Cat. No.          | Qty. |
|----------------------|-------------------|------|
| <b>Plastic cover</b> |                   |      |
| HDC-HB-6-DT          | <b>1665210000</b> | 2    |

### Bulkhead housing HB-6

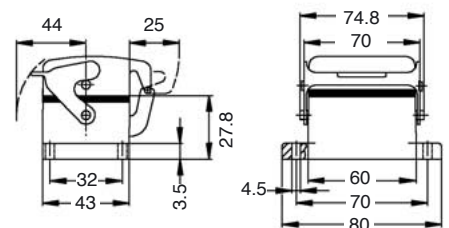
End locking, with/without cover



ADVL



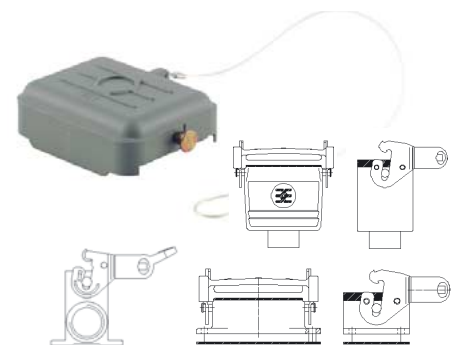
#### Dimensions



| Version                                                | Type          | Cat. No.          | Qty. |
|--------------------------------------------------------|---------------|-------------------|------|
| <b>Standard housings</b>                               |               |                   |      |
|                                                        | HDC-HB-6-AVL  | <b>1202100000</b> | 5    |
| <b>Standard housings with cover</b>                    |               |                   |      |
|                                                        | HDC-HB-6-ADVL | <b>1202500000</b> | 5    |
| <b>AVL = Bulkhead housing, end locking</b>             |               |                   |      |
| <b>ADVL = Bulkhead housing with cover, end locking</b> |               |                   |      |

### Cover for lower side with end locking

Cover with cord



| Type                 | Cat. No.          | Qty. |
|----------------------|-------------------|------|
| <b>Plastic cover</b> |                   |      |
| HDC-HB-6-DB          | <b>1665200000</b> | 5    |

For accessories see section "Accessories"

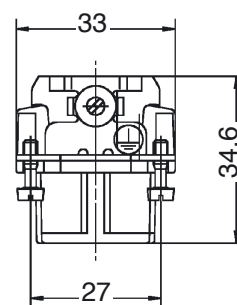
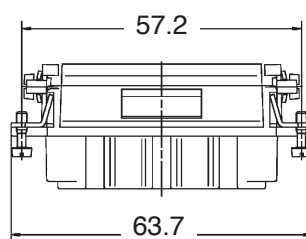
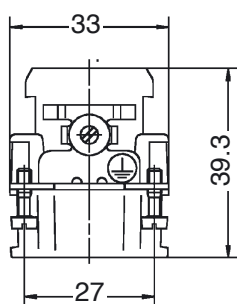
### Inserts Group Size 4

## Crimp connection series HD-24

250 V-/max 10 A



Dimensions 22

Weldmüller 73

Series HD



## Housings Group Size 4

### Plug hood HB-10

Side locking lower side

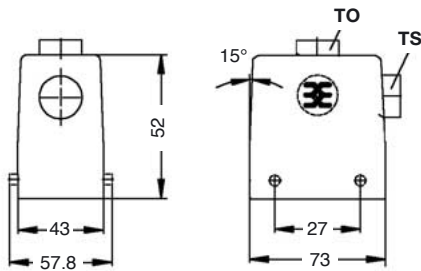


TOVU



TSVU

Dimensions



| Version                                 | Type                 | Cat. No.          | Qty. |
|-----------------------------------------|----------------------|-------------------|------|
| <b>Standard housings, metric thread</b> |                      |                   |      |
| 1 x M 20 sleeve                         | HDC HB10 TSVU 1xM20  | <b>1787560000</b> | 5    |
| 1 x M 25 sleeve                         | HDC HB10 TSVU 1xM25  | <b>1787550000</b> | 5    |
| 1 x M 20 thread                         | HDC HB10 TOVU 1xM20G | <b>1787600000</b> | 5    |
| 1 x M 25 thread                         | HDC HB10 TOVU 1xM25G | <b>1787590000</b> | 5    |
| <b>Standard housings, PG thread</b>     |                      |                   |      |
| 1 x Pg16 complete                       | HDC-HB-10-TSVU1/16P  | <b>1204800000</b> | 5    |
| 1 x Pg16 sleeve                         | HDC-HB-10-TSVU1/16   | <b>1654070000</b> | 5    |
| 1 x Pg21 complete                       | HDC-HB-10-TSVU1/21P  | <b>1654080000</b> | 5    |
| 1 x Pg21 sleeve                         | HDC-HB-10-TSVU1/21   | <b>1654090000</b> | 5    |
| 1 x Pg16 complete                       | HDC-HB-10-TOVU1/16P  | <b>1204700000</b> | 5    |
| 1 x Pg16 sleeve                         | HDC-HB-10-TOVU1/16   | <b>1654220000</b> | 5    |
| 1 x Pg21 complete                       | HDC-HB-10-TOVU1/21P  | <b>1654230000</b> | 5    |
| 1 x Pg21 sleeve                         | HDC-HB-10-TOVU1/21   | <b>1654240000</b> | 5    |

**TSVU** = Plug hood; Side cable entry, side locking lower side

**TOVU** = Plug hood; Top cable entry, side locking lower side

For accessories see section "Accessories"

### Plug hood HBD-24

Side locking lower side / high version

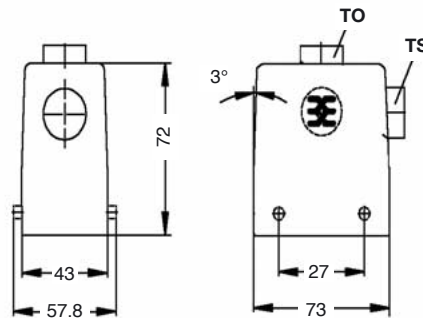


TOVU



TSVU

Dimensions



| Version                                 | Type                  | Cat. No.          | Qty. |
|-----------------------------------------|-----------------------|-------------------|------|
| <b>Standard housings, metric thread</b> |                       |                   |      |
| 1 x M 25 thread                         | HDC HBD24 TSVU 1xM25G | <b>1787240000</b> | 5    |
| 1 x M 32 thread                         | HDC HBD24 TSVU 1xM32G | <b>1787230000</b> | 5    |
| 1 x M 25 thread                         | HDC HBD24 TOVU 1xM25G | <b>1787300000</b> | 5    |
| 1 x M 32 thread                         | HDC HBD24 TOVU 1xM32G | <b>1787290000</b> | 5    |
| <b>Standard housings, PG thread</b>     |                       |                   |      |
| 1 x Pg21 complete                       | HDC-HBD-24-TSVU1/21P  | <b>1654140000</b> | 5    |
| 1 x Pg21 sleeve                         | HDC-HBD-24-TSVU1/21   | <b>1654150000</b> | 5    |
| 1 x Pg29 complete                       | HDC-HBD-24-TSVU1/29P  | <b>1654160000</b> | 5    |
| 1 x Pg29 sleeve                         | HDC-HBD-24-TSVU1/29   | <b>1654170000</b> | 5    |
| 1 x Pg21 complete                       | HDC-HBD-24-TOVU1/21P  | <b>1654290000</b> | 5    |
| 1 x Pg29 complete                       | HDC-HBD-24-TOVU1/29P  | <b>1654310000</b> | 5    |

**TSVU** = Plug hood; Side cable entry, side locking lower side

**TOVU** = Plug hood; Top cable entry, side locking lower side

### Base housing HB-10 / HBD-24

Side locking

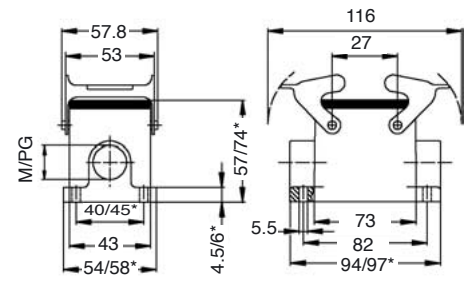


SVU



SVU

Dimensions



\*HB/HBD

| Version                                 | Type                 | Cat. No.          | Qty. |
|-----------------------------------------|----------------------|-------------------|------|
| <b>Standard housings, metric thread</b> |                      |                   |      |
| 1 x M 20 thread                         | HDC HB10 SVU 2xM20G  | <b>1787640000</b> | 2    |
| 1 x M 25 thread                         | HDC HB10 SVU 2xM25G  | <b>1787630000</b> | 2    |
| 2 x M 25 thread                         | HDC HBD24 SVU 2xM25G | <b>1787350000</b> | 2    |
| 2 x M 32 thread                         | HDC HBD24 SVU 2xM32G | <b>1787360000</b> | 2    |
| <b>Standard housings, PG thread</b>     |                      |                   |      |
| 1 x Pg16 complete                       | HDC-HB-10-SVU1/16P   | <b>1205100000</b> | 2    |
| 1 x Pg16 sleeve                         | HDC-HB-10-SVU1/16    | <b>1654370000</b> | 2    |
| 2 x Pg16 complete                       | HDC-HB-10-SVU2/16P   | <b>1205200000</b> | 2    |
| 2 x Pg16 sleeve                         | HDC-HB-10-SVU2/16    | <b>1654380000</b> | 2    |
| 1 x Pg21 complete                       | HDC-HBD-24-SVU1/21P  | <b>1654420000</b> | 2    |
| 1 x Pg21 sleeve                         | HDC-HBD-24-SVU1/21   | <b>1654430000</b> | 2    |
| 1 x Pg29 sleeve                         | HDC-HBD-24-SVU1/29   | <b>1654470000</b> | 2    |
| 2 x Pg21 complete                       | HDC-HBD-24-SVU2/21P  | <b>1654440000</b> | 2    |
| 2 x Pg21 sleeve                         | HDC-HBD-24-SVU2/21   | <b>1654450000</b> | 2    |
| 2 x Pg29 complete                       | HDC-HBD-24-SVU2/29P  | <b>1654480000</b> | 2    |

**SVU** = Base housing, side locking

## Housings Group Size 4

### Coupling hood HB-10 / HBD 24

Side locking

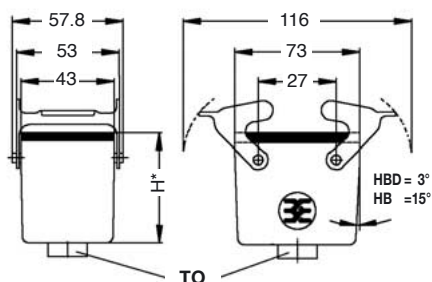


KVV



KVV

Dimensions



\*HB = 54.8  
HBD = 74.8

| Version                                 | Type                 | Cat. No.   | Qty. |
|-----------------------------------------|----------------------|------------|------|
| <b>Standard housings, metric thread</b> |                      |            |      |
| 1 x M 20 thread                         | HDC HB10 KVV 1xM20G  | 1787720000 | 5    |
| 1 x M 25 thread                         | HDC HB10 KVV 1xM25G  | 1787710000 | 5    |
| 1 x M 25 thread                         | HDC HBD24 KVV 1xM25G | 1787440000 | 2    |
| 1 x M 32 thread                         | HDC HBD24 KVV 1xM32G | 1787430000 | 2    |
| <b>Standard housings, PG thread</b>     |                      |            |      |
| 1 x Pg16 complete                       | HDC-HB-10-KVV1/16P   | 1205300000 | 5    |
| 1 x Pg16 sleeve                         | HDC-HB-10-KVV1/16    | 1654580000 | 5    |
| 1 x Pg21 complete                       | HDC-HB-10-KVV1/21P   | 1654590000 | 5    |
| 1 x Pg21 complete                       | HDC-HBD-24-KVV1/21P  | 1654650000 | 2    |
| 1 x Pg29 complete                       | HDC-HBD-24-KVV1/29P  | 1654670000 | 2    |

KVV = Coupling hood, side locking

### Cover for plug hood

Cover with cord



| Type                 | Cat. No.   | Qty. |
|----------------------|------------|------|
| <b>Plastic cover</b> |            |      |
| HDC-HB-10-DT         | 1665240000 | 2    |

For accessories see section "Accessories"

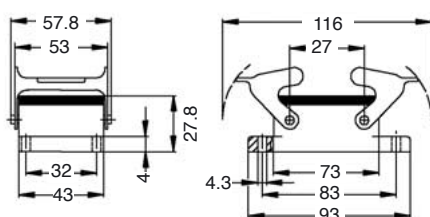
### Bulkhead housing HB-10

Side locking



AVU

Dimensions

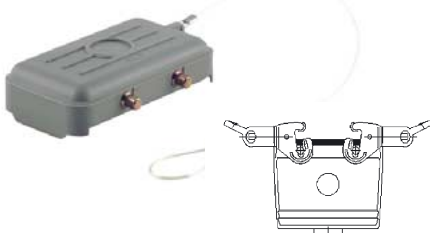


| Version                  | Type          | Cat. No.   | Qty. |
|--------------------------|---------------|------------|------|
| <b>Standard housings</b> |               |            |      |
|                          | HDC-HB-10-AVU | 1205000000 | 5    |
|                          |               |            |      |
|                          |               |            |      |
|                          |               |            |      |
|                          |               |            |      |
|                          |               |            |      |
|                          |               |            |      |
|                          |               |            |      |
|                          |               |            |      |

AVU = Bulkhead housing, side locking

### Cover for lower side with side locking

Cover with cord



| Type                 | Cat. No.   | Qty. |
|----------------------|------------|------|
| <b>Plastic cover</b> |            |      |
| HDC-HB-10-DB         | 1665230000 | 5    |

### Plug hood HB-10 / HBD-24

Side locking

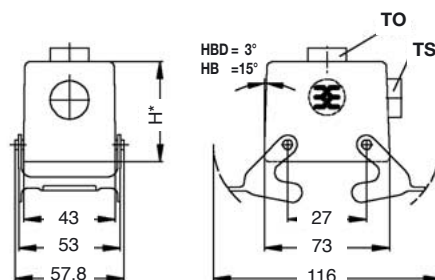


TSVO



TSVO

Dimensions



\*HB = 52  
HBD = 72

| Version                                 | Type                  | Cat. No.   | Qty. |
|-----------------------------------------|-----------------------|------------|------|
| <b>Standard housings, metric thread</b> |                       |            |      |
| 1 x M 25 sleeve                         | HDC HB10 TSVO 1xM25   | 1787570000 | 5    |
| 1 x M 25 thread                         | HDC HB10 TOVO 1xM25G  | 1787610000 | 5    |
| 1 x M 25 thread                         | HDC HBD24 TSVO 1xM25G | 1787260000 | 2    |
| 1 x M 32 thread                         | HDC HBD24 TSVO 1xM32G | 1787250000 | 2    |
| 1 x M 25 thread                         | HDC HBD24 TOVO 1xM25G | 1787320000 | 2    |
| 1 x M 32 thread                         | HDC HBD24 TOVO 1xM32G | 1787310000 | 2    |
| <b>Standard housings, PG thread</b>     |                       |            |      |
| 1 x Pg16 complete                       | HDC-HB-10-TSVO1/16P   | 1205500000 | 5    |
| 1 x Pg16 sleeve                         | HDC-HB-10-TSVO1/16    | 1654750000 | 5    |
| 1 x Pg16 complete                       | HDC-HB-10-TOVO1/16P   | 1205400000 | 5    |
| 1 x Pg16 sleeve                         | HDC-HB-10-TOVO1/16    | 1654860000 | 5    |
| 1 x Pg21 sleeve                         | HDC-HBD-24-TSVO1/21   | 1654790000 | 2    |
| 1 x Pg29 complete                       | HDC-HBD-24-TSVO1/29P  | 1654800000 | 2    |
| 1 x Pg29 sleeve                         | HDC-HBD-24-TSVO1/29   | 1654810000 | 2    |
| 1 x Pg21 complete                       | HDC-HBD-24-TOVO1/21P  | 1654890000 | 2    |
| 1 x Pg29 complete                       | HDC-HBD-24-TOVO1/29P  | 1654910000 | 2    |
| 1 x Pg29 sleeve                         | HDC-HBD-24-TOVO1/29   | 1654920000 | 2    |

TSVO = Plug hood; Side cable entry, side locking

TOVO = Plug hood; Top cable entry, side locking



## Housings Group Size 4

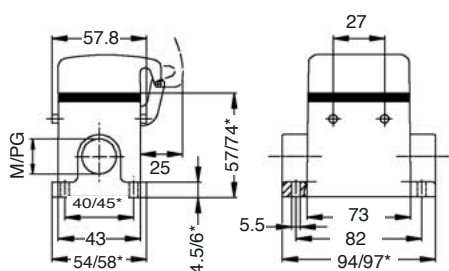
**Base housing HB-10 / HBD-24**

### Side locking upper side



SDVO

## Dimensions



\*HB/HBD

| Version                                            | Type                  | Cat. No.          | Qty. |
|----------------------------------------------------|-----------------------|-------------------|------|
| <b>Standard housings with cover, metric thread</b> |                       |                   |      |
| 1 x M 20 thread                                    | HDC HB10 SDVO 2xM20G  | <b>1787680000</b> | 2    |
| 1 x M 25 thread                                    | HDC HB10 SDVO 2xM25G  | <b>1787670000</b> | 2    |
| 1 x M 25 thread                                    | HDC HBD24 SDVO 2xM25G | <b>1787400000</b> | 1    |
| 1 x M 32 thread                                    | HDC HBD24 SDVO 2xM32G | <b>1787390000</b> | 1    |
| <b>Standard housings with cover, PG thread</b>     |                       |                   |      |
| 1 x Pg16 complete                                  | HDC-HB-10-SDVO1/16P   | <b>1205700000</b> | 2    |
| 1 x Pg16 sleeve                                    | HDC-HB-10-SDVO1/16    | <b>1654990000</b> | 2    |
| 2 x Pg16 complete                                  | HDC-HB-10-SDVO2/16P   | <b>1205800000</b> | 2    |
| 2 x Pg16 sleeve                                    | HDC-HB-10-SDVO2/16    | <b>1655000000</b> | 2    |
| 1 x Pg21 complete                                  | HDC-HBD-24-SDVO1/21P  | <b>1655050000</b> | 1    |
| 1 x Pg29 complete                                  | HDC-HBD-24-SDVO1/29P  | <b>1655090000</b> | 1    |
| 2 x Pg29 complete                                  | HDC-HBD-24-SDVO2/29P  | <b>1655110000</b> | 1    |

**SDVO** = Base housing with cover, side locking upper side

For accessories see section "Accessories"

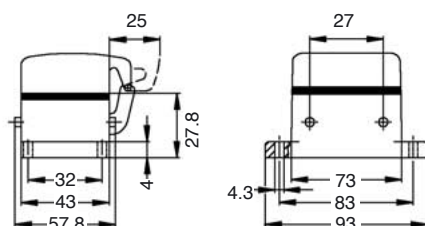
### Bulkhead housing HB-10

**With cover / side locking upper side**



ADVO

## Dimensions

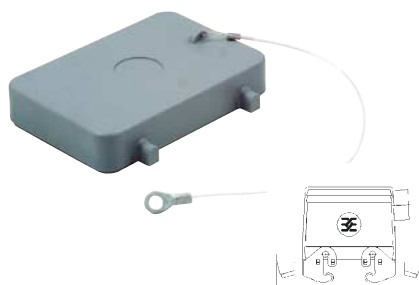


| Version                             | Type           | Cat. No.   | Qty. |
|-------------------------------------|----------------|------------|------|
| <b>Standard housings with cover</b> |                |            |      |
|                                     | HDC-HR-10-ADVO | 1205600000 | 5    |

**ADVO** = Bulkhead housing with cover, Side locking upper side

### Cover for plug hood with side locking

### Cover with cord



| Type                 | Cat. No.          | Qty. |
|----------------------|-------------------|------|
| <b>Plastic cover</b> |                   |      |
| HDC-HB-10-DBP        | <b>1665250000</b> | 5    |

## Plug hood HB-10 / HBD-24

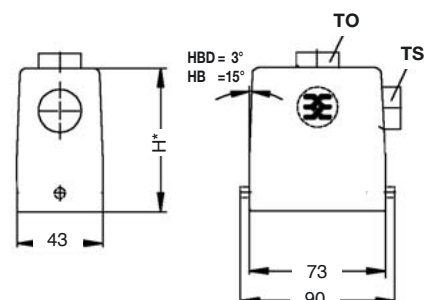
**End locking /lower side**



**TOVL**

TOVL

## Dimensions



\*HB = 52  
HBD= 72

| Version                                 | Type                  | Cat. No.           | Qty. |
|-----------------------------------------|-----------------------|--------------------|------|
| <b>Standard housings, metric thread</b> |                       |                    |      |
| 1 x M 25 sleeve                         | HDC HB10 TSVL 1xM25   | <b>17875800000</b> | 5    |
| 1 x M 25 thread                         | HDC HB10 TOVL 1xM25G  | <b>17876200000</b> | 5    |
| 1 x M 25 thread                         | HDC HBD24 TSVL 1xM25G | <b>17872800000</b> | 2    |
| 1 x M 32 thread                         | HDC HBD24 TSVL 1xM32G | <b>17872700000</b> | 2    |
| 1 x M 25 thread                         | HDC HBD24 TOVL 1xM25G | <b>17873400000</b> | 2    |
| 1 x M 32 thread                         | HDC HBD24 TOVL 1xM32G | <b>17873300000</b> | 2    |
| <b>Standard housings, PG thread</b>     |                       |                    |      |
| 1 x Pg16 complete                       | HDC-HB-10-TSVL1/16P   | <b>12060000000</b> | 5    |
| 1 x Pg16 sleeve                         | HDC-HB-10-TSVL1/16    | <b>16552100000</b> | 5    |
| 1 x Pg16 complete                       | HDC-HB-10-TOVL1/16P   | <b>12059000000</b> | 5    |
| 1 x Pg16 sleeve                         | HDC-HB-10-TOVL1/16    | <b>16553200000</b> | 5    |
| 1 x Pg21 complete                       | HDC-HBD-24-TSVL1/21P  | <b>16552400000</b> | 2    |
| 1 x Pg21 sleeve                         | HDC-HBD-24-TSVL1/21   | <b>16552500000</b> | 2    |
| 1 x Pg29 complete                       | HDC-HBD-24-TSVL1/29P  | <b>16552600000</b> | 2    |
| 1 x Pg29 sleeve                         | HDC-HBD-24-TSVL1/29   | <b>16552700000</b> | 2    |
| 1 x Pg21 complete                       | HDC-HBD-24-TOVL1/21P  | <b>16553500000</b> | 2    |
| 1 x Pg21 sleeve                         | HDC-HBD-24-TOVL1/21   | <b>16553600000</b> | 2    |
| 1 x Pg29 complete                       | HDC-HBD-24-TOVL1/29P  | <b>16553700000</b> | 2    |
| 1 x Pg29 sleeve                         | HDC-HBD-24-TOVL1/29   | <b>16553800000</b> | 2    |

**TSVL** = Plug hood; Side cable entry, end locking

**TOVL** = Plug hood; Top cable entry, end locking

## Housings Group Size 4

### Base housing HB-10 / HBD-24

End locking, with/without cover

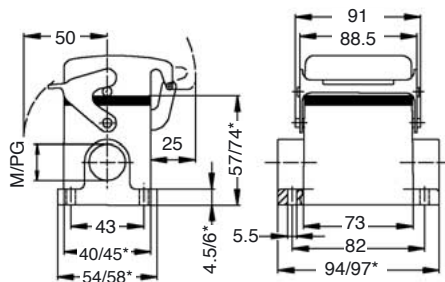


SVL



SDVL

#### Dimensions



\*HB/HBG

| Version                                            | Type                  | Cat. No.   | Qty. |
|----------------------------------------------------|-----------------------|------------|------|
| <b>Standard housings, metric thread</b>            |                       |            |      |
| 2 x M 20 thread                                    | HDC HB10 SVL 2xM20G   | 1787660000 | 2    |
| 2 x M 25 thread                                    | HDC HB10 SVL 2xM25G   | 1787650000 | 2    |
| 2 x M 25 thread                                    | HDC HBD24 SVL 2xM25G  | 1787380000 | 2    |
| 2 x M 32 thread                                    | HDC HBD24 SVL 2xM32G  | 1787370000 | 2    |
| <b>Standard housings with cover, metric thread</b> |                       |            |      |
| 2 x M 20 thread                                    | HDC HB10 SDVL 2xM20G  | 1787700000 | 2    |
| 2 x M 25 thread                                    | HDC HB10 SDVL 2xM25G  | 1787690000 | 2    |
| 1 x M 25 thread                                    | HDC HBD24 SDVL 1xM25G | 1787420000 | 1    |
| 1 x M 32 thread                                    | HDC HBD24 SDVL 1xM32G | 1787410000 | 1    |
| <b>Standard housings, PG thread</b>                |                       |            |      |
| 1 x Pg16 complete                                  | HDC-HB-10-SVL1/16P    | 1206200000 | 2    |
| 1 x Pg16 sleeve                                    | HDC-HB-10-SVL1/16     | 1655460000 | 2    |
| 2 x Pg16 complete                                  | HDC-HB-10-SVL2/16P    | 1206300000 | 2    |
| 2 x Pg16 sleeve                                    | HDC-HB-10-SVL2/16     | 1655470000 | 2    |
| 1 x Pg21 complete                                  | HDC-HBD-24-SVL1/21P   | 1655510000 | 2    |
| 1 x Pg29 complete                                  | HDC-HBD-24-SVL1/29P   | 1655550000 | 2    |
| <b>Standard housings with cover, PG thread</b>     |                       |            |      |
| 1 x Pg16 complete                                  | HDC-HB-10-SDVL1/16P   | 1206600000 | 2    |
| 1 x Pg16 sleeve                                    | HDC-HB-10-SDVL1/16    | 1655670000 | 2    |
| 2 x Pg16 complete                                  | HDC-HB-10-SDVL2/16P   | 1206700000 | 1    |
| 2 x Pg16 sleeve                                    | HDC-HB-10-SDVL2/16    | 1655680000 | 1    |
| 1 x Pg21 complete                                  | HDC-HBD-24-SDVL1/21P  | 1655720000 | 1    |

SVL = Base housing, end locking

SDVL = Base housing with cover, end locking

### Coupling hood HB-10 / HBD-24

End locking

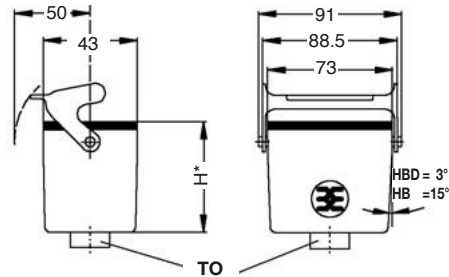


KVL



KVL

#### Dimensions



\*HB = 54.8  
HBD = 74.8

| Version                                 | Type                 | Cat. No.   | Qty. |
|-----------------------------------------|----------------------|------------|------|
| <b>Standard housings, metric thread</b> |                      |            |      |
| 1 x M 20 thread                         | HDC HB10 KVL 1xM20G  | 1787740000 | 5    |
| 1 x M 25 thread                         | HDC HB10 KVL 1xM25G  | 1787730000 | 2    |
| 1 x M 25 thread                         | HDC HBD24 KVL 1xM25G | 1787460000 | 2    |
| 1 x M 32 thread                         | HDC HBD24 KVL 1xM32G | 1787450000 | 2    |
| <b>Standard housings, PG thread</b>     |                      |            |      |
| 1 x Pg16 complete                       | HDC-HB-10-KVL1/16P   | 1655880000 | 5    |
| 1 x Pg16 sleeve                         | HDC-HB-10-KVL1/16    | 1655890000 | 5    |
| 1 x Pg21 complete                       | HDC-HB-10-KVL1/21P   | 1655900000 | 2    |

KVL = Coupling hood, end locking

### Bulkhead housing HB-10

End locking, with/without cover

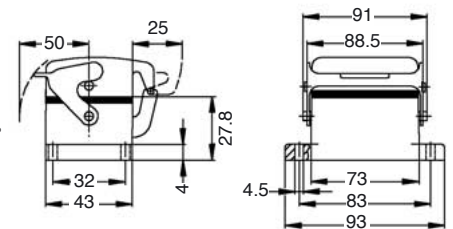


AVL



ADVL

#### Dimensions



| Version                             | Type           | Cat. No.   | Qty. |
|-------------------------------------|----------------|------------|------|
| <b>Standard housings</b>            |                |            |      |
|                                     | HDC-HB-10-AVL  | 1206100000 | 5    |
| <b>Standard housings with cover</b> |                |            |      |
|                                     | HDC-HB-10-ADVL | 1206500000 | 2    |

AVL = Bulkhead housing, end locking

ADVL = Bulkhead housing with cover, end locking

For accessories see section "Accessories"

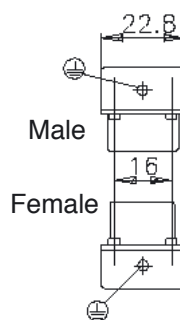
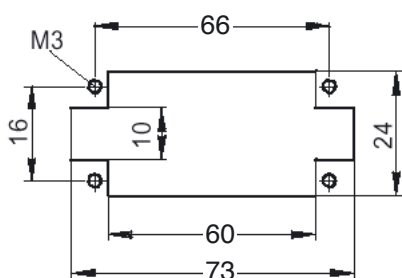
### Inserts Group Size 5

## Crimp connection series HD-25

250 V-/max 10 A



## Dimensions



Female

|                                                                                     |                                                                                     |                                                                                     |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |                                                                                     |  |
| A                                                                                   | B                                                                                   | C                                                                                   |
| 1                                                                                   |                                                                                     | 1                                                                                   |
| 2                                                                                   | 0                                                                                   | 2                                                                                   |
| 3                                                                                   | 0                                                                                   | 3                                                                                   |
| 4                                                                                   | 0                                                                                   | 4                                                                                   |
| 5                                                                                   | 0                                                                                   | 5                                                                                   |
| 6                                                                                   | 0                                                                                   | 6                                                                                   |
| 7                                                                                   | 0                                                                                   | 7                                                                                   |
| 8                                                                                   | 0                                                                                   | 8                                                                                   |
| 9                                                                                   | 0                                                                                   | 9                                                                                   |
|  |  |  |

|   |   |   |
|---|---|---|
| ⊕ |   | ⊕ |
| C | B | A |
| 1 | 0 | 0 |
| 2 | 0 | 0 |
| 3 | 0 | 0 |
| 4 | 0 | 0 |
| 5 | 0 | 0 |
| 6 | 0 | 0 |
| 7 | 0 | 0 |
| 8 | 0 | 0 |
| 9 | 0 | 0 |
| ⊕ | ⊕ | ⊕ |

View from cable side

[illegible][illegible]

For crimp contacts see page 62 and 63

For accessories see section "Accessories"

## Housings Group Size 5

### Plug hood HA-16 / HAD-25

End locking / lower side

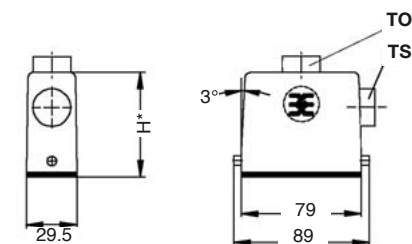


TOVL



TSVL

Dimensions



\*HA = 58.3  
HAD= 72.3

| Version                                 | Type                  | Cat. No.   | Qty. |
|-----------------------------------------|-----------------------|------------|------|
| <b>Standard housings, metric thread</b> |                       |            |      |
| 1 x M 20 thread                         | HDC HA16 TOVL 1xM20G  | 1804680000 | 5    |
| 1 x M 25 thread                         | HDC HA16 TOVL 1xM25G  | 1788750000 | 5    |
| 1 x M 20 sleeve                         | HDC HA16 TSVL 1xM20   | 1804620000 | 5    |
| 1 x M 25 sleeve                         | HDC HA16 TSVL 1xM25   | 1788740000 | 5    |
| 1 x M 20 thread                         | HDC HAD25 TOVL 1xM20G | 1788710000 | 5    |
| 1 x M 25 thread                         | HDC HAD25 TOVL 1xM25G | 1788700000 | 5    |
| 1 x M 25 thread                         | HDC HAD25 TSVL 1xM25G | 1788690000 | 5    |
| 1 x M 32 thread                         | HDC HAD25 TSVL 1xM32G | 1788680000 | 5    |
| <b>Standard housings, PG thread</b>     |                       |            |      |
| 1 x Pg16 complete                       | HDC-HA-16-TOVL1/16P   | 1664800000 | 5    |
| 1 x Pg16 sleeve                         | HDC-HA-16-TOVL1/16    | 1664810000 | 5    |
| 1 x Pg16 complete                       | HDC-HA-16-TSVL1/16P   | 1664680000 | 5    |
| 1 x Pg16 sleeve                         | HDC-HA-16-TSVL1/16    | 1664690000 | 5    |
| 1 x Pg16 complete                       | HDC-HAD-25-TOVL1/16P  | 1664840000 | 5    |
| 1 x Pg16 sleeve                         | HDC-HAD-25-TOVL1/16   | 1664850000 | 5    |
| 1 x Pg21 complete                       | HDC-HAD-25-TOVL1/21P  | 1664860000 | 5    |
| 1 x Pg21 sleeve                         | HDC-HAD-25-TOVL1/21   | 1664870000 | 5    |
| 1 x Pg16 complete                       | HDC-HAD-25-TSVL1/16P  | 1664720000 | 5    |
| 1 x Pg16 sleeve                         | HDC-HAD-25-TSVL1/16   | 1664730000 | 5    |
| 1 x Pg21 complete                       | HDC-HAD-25-TSVL1/21P  | 1664740000 | 5    |
| 1 x Pg21 sleeve                         | HDC-HAD-25-TSVL1/21   | 1664750000 | 5    |

TOVL = Plug hood; Top cable entry, end locking  
TSVL = Plug hood; Side cable entry, end locking

### Base housing HA-16

End locking, with/without cover

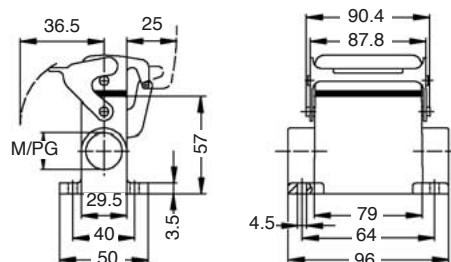


SVL



SDVL

Dimensions



| Version                                            | Type                 | Cat. No.   | Qty. |
|----------------------------------------------------|----------------------|------------|------|
| <b>Standard housings, metric thread</b>            |                      |            |      |
| 2 x M 20 thread                                    | HDC HA16 SVL 2xM20G  | 1788770000 | 2    |
| 2 x M 25 thread                                    | HDC HA16 SVL 2xM25G  | 1788760000 | 2    |
| <b>Standard housings with cover, metric thread</b> |                      |            |      |
| 2 x M 20 thread                                    | HDC HA16 SDVL 2xM20G | 1788790000 | 2    |
| 2 x M 25 thread                                    | HDC HA16 SDVL 2xM25G | 1788780000 | 2    |
| <b>Standard housings, PG thread</b>                |                      |            |      |
| 1 x Pg16 complete                                  | HDC-HA-16-SVL1/16P   | 1665040000 | 2    |
| 1 x Pg16 sleeve                                    | HDC-HA-16-SVL1/16    | 1665050000 | 2    |
| 1 x Pg21 complete                                  | HDC-HA-16-SVL1/21P   | 1665080000 | 2    |
| 1 x Pg21 sleeve                                    | HDC-HA-16-SVL1/21    | 1665090000 | 2    |
| 2 x Pg16 complete                                  | HDC-HA-16-SVL2/16P   | 1665060000 | 2    |
| 2 x Pg16 sleeve                                    | HDC-HA-16-SVL2/16    | 1665070000 | 2    |
| 2 x Pg21 complete                                  | HDC-HA-16-SVL2/21P   | 1665100000 | 2    |
| <b>Standard housings with cover, PG thread</b>     |                      |            |      |
| 1 x Pg16 complete                                  | HDC-HA-16-SDVL1/16P  | 1665280000 | 2    |
| 2 x Pg16 complete                                  | HDC-HA-16-SDVL2/16P  | 1665300000 | 2    |

SVL = Base housing, end locking  
SDVL = Base housing with cover, end locking

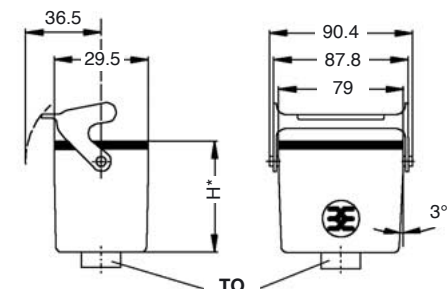
### Coupling hood HA-16 / HAD-25

End locking



KVL

Dimensions



\*HA = 53  
HAD= 67

| Version                                 | Type                 | Cat. No.   | Qty. |
|-----------------------------------------|----------------------|------------|------|
| <b>Standard housings, metric thread</b> |                      |            |      |
| 1 x M 25 thread                         | HDC HA16 KVL 1xM25G  | 1788800000 | 5    |
| 1 x M 20 thread                         | HDC HAD25 KVL 1xM20G | 1788730000 | 2    |
| 1 x M 25 thread                         | HDC HAD25 KVL 1xM25G | 1788720000 | 2    |
| <b>Standard housings, PG thread</b>     |                      |            |      |
| 1 x Pg16 complete                       | HDC-HA-16-KVL1/16P   | 1665440000 | 5    |
| 1 x Pg16 sleeve                         | HDC-HA-16-KVL1/16    | 1665450000 | 5    |
| 1 x Pg16 complete                       | HDC-HAD-25-KVL1/16P  | 1665480000 | 2    |
| 1 x Pg21 complete                       | HDC-HAD-25-KVL1/21P  | 1665500000 | 2    |

KVL = Coupling hood, end locking

For accessories see section "Accessories"

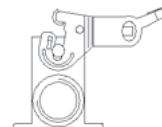
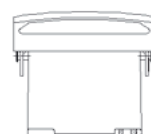
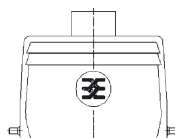
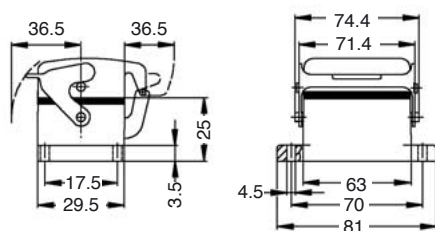
## Housings Group Size 5

## Bulkhead housing HA-16

End locking / with/without cover



## Dimensions

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

**ADV L** = Bulkhead housing with cover, end locking

For accessories see section "Accessories"

## Cover for plug hood

Cover with cord

**Cover with cord**



## Cover for housing with end locking

### Cover with cord

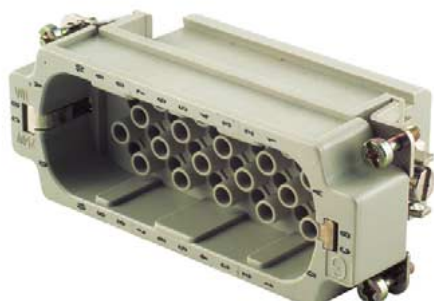
This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

### Inserts Group Size 6

## Crimp connection series HD-40

40-pole 250 V-/max 10 A

40-pole 250 V-/max 10 A

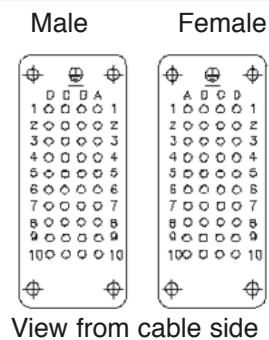
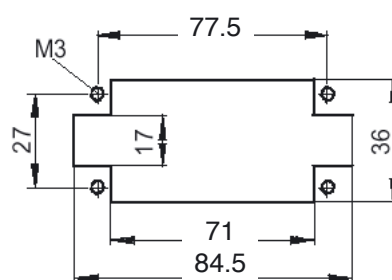
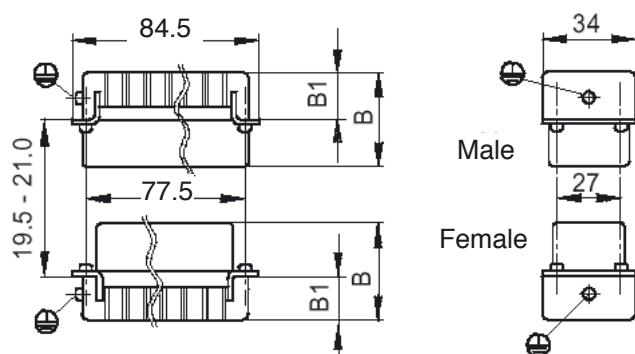


**Male**  **Female**



**Female**

## Dimensions



| Version                     | Type         | Cat. No.          | Qty. |
|-----------------------------|--------------|-------------------|------|
| <b>For stamped contacts</b> |              |                   |      |
| Male                        | HDC-HD-40SCG | <b>1572560000</b> | 5    |
| <b>For turned contacts</b>  |              |                   |      |
| Male                        | HDC-HD-40SCM | <b>1601710000</b> | 5    |

| Version                     | Type         | Cat. No.          | Qty. |
|-----------------------------|--------------|-------------------|------|
| <b>For stamped contacts</b> |              |                   |      |
| Female                      | HDC-HD-40BCG | <b>1572570000</b> | 5    |
| <b>For turned contacts</b>  |              |                   |      |
| Female                      | HDC-HD-40BCM | <b>1601730000</b> | 5    |

For crimp contacts see page 62 and 63

For crimp contacts see page 62 and 63

For accessories see section "Accessories"



## Housings Group Size 6

### Plug hood HB-16 / HBD-40

Side locking lower side

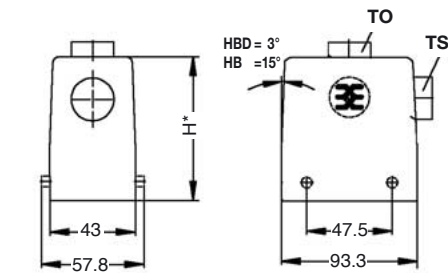


TSVU



TOVU

Dimensions



\*HB = 61  
HBD = 76

| Version                                 | Type                  | Cat. No.   | Qty. |
|-----------------------------------------|-----------------------|------------|------|
| <b>Standard housings, metric thread</b> |                       |            |      |
| 1 x M 25 sleeve                         | HDC HB16 TSVU 1xM25   | 1788180000 | 5    |
| 1 x M 25 thread                         | HDC HB16 TOVU 1xM25G  | 1788210000 | 5    |
| 1 x M 25 thread                         | HDC HBD40 TSVU 1xM25G | 1787010000 | 5    |
| 1 x M 32 thread                         | HDC HBD40 TSVU 1xM32G | 1787000000 | 5    |
| 1 x M 25 thread                         | HDC HBD40 TOVU 1xM25G | 1787070000 | 5    |
| 1 x M 32 thread                         | HDC HBD40 TOVU 1xM32G | 1787060000 | 5    |
| <b>Standard housings, PG thread</b>     |                       |            |      |
| 1 x Pg21 complete                       | HDC-HB-16-TSVU1/21P   | 1208400000 | 5    |
| 1 x Pg21 sleeve                         | HDC-HB-16-TSVU1/21    | 1656480000 | 5    |
| 1 x Pg21 complete                       | HDC-HB-16-TOVU1/21P   | 1208300000 | 5    |
| 1 x Pg21 sleeve                         | HDC-HB-16-TOVU1/21    | 1656590000 | 5    |
| 1 x Pg21 complete                       | HDC-HBD-40-TSVU1/21P  | 1656510000 | 5    |
| 1 x Pg21 sleeve                         | HDC-HBD-40-TSVU1/21   | 1656520000 | 5    |
| 1 x Pg29 complete                       | HDC-HBD-40-TSVU1/29P  | 1656530000 | 5    |
| 1 x Pg29 sleeve                         | HDC-HBD-40-TSVU1/29   | 1656540000 | 5    |
| 1 x Pg21 complete                       | HDC-HBD-40-TOVU1/21P  | 1656620000 | 5    |
| 1 x Pg21 sleeve                         | HDC-HBD-40-TOVU1/21   | 1656630000 | 5    |
| 1 x Pg29 complete                       | HDC-HBD-40-TOVU1/29P  | 1656640000 | 5    |
| 1 x Pg29 sleeve                         | HDC-HBD-40-TOVU1/29   | 1656650000 | 5    |

**TOVU** = Plug hood; Top cable entry, side locking lower side

**TSVU** = Plug hood; Side cable entry, side locking lower side

For accessories see section "Accessories"

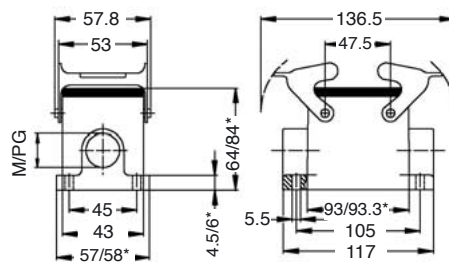
### Base housing HB-16 / HBD-40

Side locking



SVU

Dimensions



\*HB/HBD

| Version                                 | Type                 | Cat. No.   | Qty. |
|-----------------------------------------|----------------------|------------|------|
| <b>Standard housings, metric thread</b> |                      |            |      |
| 1 x M 25 thread                         | HDC HB16 SVU 2xM25G  | 1788240000 | 2    |
| 2 x M 25 thread                         | HDC HBD40 SVU 2xM25G | 1787120000 | 2    |
| 2 x M 32 thread                         | HDC HBD40 SVU 2xM32G | 1787110000 | 2    |
| <b>Standard housings, PG thread</b>     |                      |            |      |
| 1 x Pg21 complete                       | HDC-HB-16-SVU1/21P   | 1208700000 | 2    |
| 1 x Pg21 sleeve                         | HDC-HB-16-SVU1/21    | 1656720000 | 2    |
| 1 x Pg21 complete                       | HDC-HB-16-SVU2/21P   | 1208800000 | 2    |
| 2 x Pg21 sleeve                         | HDC-HB-16-SVU2/21    | 1656730000 | 2    |
| 1 x Pg21 sleeve                         | HDC-HBD-40-SVU1/21   | 1656790000 | 2    |
| 1 x Pg29 complete                       | HDC-HBD-40-SVU1/29P  | 1656820000 | 2    |
| 2 x Pg21 complete                       | HDC-HBD-40-SVU2/21P  | 1656800000 | 2    |
| 2 x Pg21 sleeve                         | HDC-HBD-40-SVU2/21   | 1656810000 | 2    |
| 2 x Pg29 complete                       | HDC-HBD-40-SVU2/29P  | 1656840000 | 2    |

**SVU** = Base housing, side locking lower side

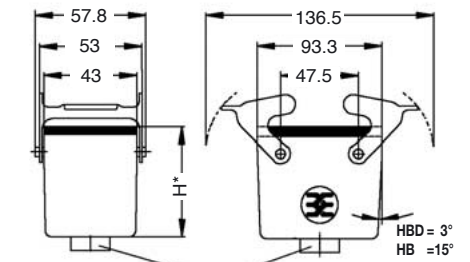
### Coupling hood HB-16 / HBD-40

Side locking



KVU

Dimensions



\*HB = 63.8  
HBD = 78.8

| Version                                 | Type                 | Cat. No.   | Qty. |
|-----------------------------------------|----------------------|------------|------|
| <b>Standard housings, metric thread</b> |                      |            |      |
| 1 x M 25 thread                         | HDC HBD40 KVU 1xM25G | 1787200000 | 2    |
| 1 x M 32 thread                         | HDC HBD40 KVU 1xM32G | 1787190000 | 2    |
| 1 x M 25 thread                         | HDC HB16 KVU 1xM25G  | 1788280000 | 2    |
| <b>Standard housings, PG thread</b>     |                      |            |      |
| 1 x Pg21 complete                       | HDC-HB-16-KVU1/21P   | 1208900000 | 2    |
| 1 x Pg21 sleeve                         | HDC-HB-16-KVU1/21    | 1657270000 | 2    |
| 1 x Pg21 complete                       | HDC-HBD-40-KVU1/21P  | 1657300000 | 2    |
| 1 x Pg21 sleeve                         | HDC-HBD-40-KVU1/21   | 1657310000 | 2    |
| 1 x Pg29 complete                       | HDC-HBD-40-KVU1/29P  | 1657320000 | 2    |

**KVU** = Coupling hood, Side locking

### Cover for plug hood

Cover with cord



| Type                 | Cat. No.   | Qty. |
|----------------------|------------|------|
| <b>Plastic cover</b> |            |      |
| HDC-HB-16-DT         | 1665270000 | 2    |



## Housings Group Size 6

### Bulkhead housing HB-16

Side locking



AVU

### Plug hood HB-16 / HBD-40

Side locking



TSVO



TOVO

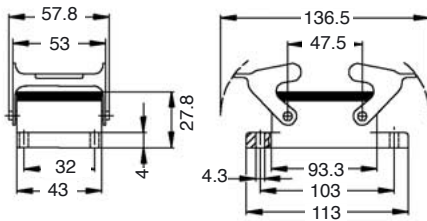
### Base housing HB-16 / HBD-40

Side locking upper side

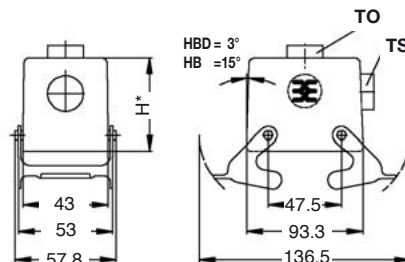


SDVO

#### Dimensions

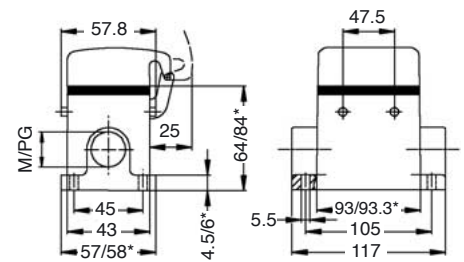


#### Dimensions



\*HB = 61  
HBD = 76

#### Dimensions



| Version | Type | Cat. No. | Qty. |
|---------|------|----------|------|
|---------|------|----------|------|

#### Standard housings

|  |               |            |   |
|--|---------------|------------|---|
|  | HDC-HB-16-AVU | 1208600000 | 5 |
|--|---------------|------------|---|

AVU = Bulkhead housing, side locking

| Version | Type | Cat. No. | Qty. |
|---------|------|----------|------|
|---------|------|----------|------|

#### Standard housings, metric thread

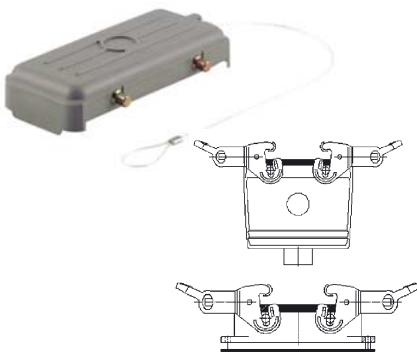
|                 |                       |            |   |
|-----------------|-----------------------|------------|---|
| 1 x M 25 sleeve | HDC HB16 TSVO 1xM25   | 1788190000 | 2 |
| 1 x M 25 thread | HDC HB16 TOVO 1xM25G  | 1788220000 | 2 |
| 1 x M 25 thread | HDC HBD40 TSVO 1xM25G | 1787030000 | 2 |
| 1 x M 32 thread | HDC HBD40 TSVO 1xM32G | 1787020000 | 2 |
| 1 x M 25 thread | HDC HBD40 TOVO 1xM25G | 1787090000 | 2 |
| 1 x M 32 thread | HDC HBD40 TOVO 1xM32G | 1787080000 | 2 |

#### Standard housings, PG thread

|                   |                      |            |   |
|-------------------|----------------------|------------|---|
| 1 x Pg21 complete | HDC-HB-16-TSVO1/21P  | 1209100000 | 2 |
| 1 x Pg21 sleeve   | HDC-HB-16-TSVO1/21   | 1657380000 | 2 |
| 1 x Pg21 complete | HDC-HB-16-TOVO1/21P  | 1209000000 | 2 |
| 1 x Pg21 sleeve   | HDC-HB-16-TOVO1/21   | 1657490000 | 2 |
| 1 x Pg21 complete | HDC-HBD-40-TSVO1/21P | 1657410000 | 2 |
| 1 x Pg21 sleeve   | HDC-HBD-40-TSVO1/21  | 1657420000 | 2 |
| 1 x Pg29 complete | HDC-HBD-40-TSVO1/29P | 1657430000 | 2 |
| 1 x Pg21 complete | HDC-HBD-40-TOVO1/21P | 1657520000 | 2 |
| 1 x Pg29 complete | HDC-HBD-40-TOVO1/29P | 1657540000 | 2 |
| 1 x Pg29 sleeve   | HDC-HBD-40-TOVO1/29  | 1657550000 | 2 |

### Cover for lower side with side locking

Cover with cord



| Type          | Cat. No.   | Qty. |
|---------------|------------|------|
| Plastic cover |            |      |
| HDC-HB-16-DB  | 1665260000 | 2    |

For accessories see section "Accessories"

TSVO = Plug hood; Side cable entry, side locking

TOVO = Plug hood; Top cable entry, side locking

SDVO = Base housing with cover, side locking upper side

## Housings Group Size 6

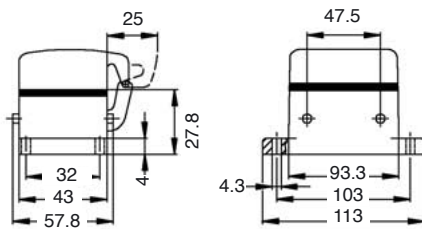
### Bulkhead housing HB-16

Side locking upper side



ADVO

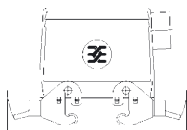
Dimensions



| Version                                          | Type           | Cat. No.   | Qty. |
|--------------------------------------------------|----------------|------------|------|
| <b>Standard housings</b>                         |                |            |      |
|                                                  | HDC-HB-16-ADVO | 1209200000 | 2    |
| ADVL = Bulkhead housing with cover, side locking |                |            |      |

### Cover for plug hood with side locking

Cover with cord



| Type                 | Cat. No.   | Qty. |
|----------------------|------------|------|
| <b>Plastic cover</b> |            |      |
| HDC-HB-16-DBP        | 1665620000 | 5    |

For accessories see section "Accessories"

### Plug hood HB-16 / HBD-40

End locking / lower side / high version

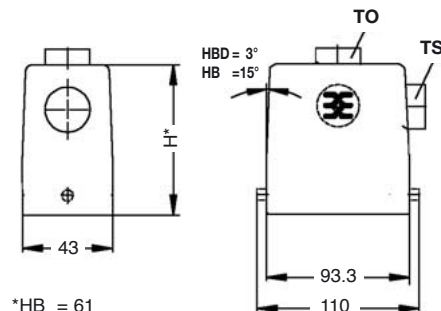


TOVL



TSVL

Dimensions



\*HB = 61  
HBD = 76

| Version                                 | Type                  | Cat. No.   | Qty. |
|-----------------------------------------|-----------------------|------------|------|
| <b>Standard housings, metric thread</b> |                       |            |      |
| 1 x M 25 sleeve                         | HDC HB16 TSVL 1xM25   | 1788200000 | 5    |
| 1 x M 25 thread                         | HDC HB16 TOVL 1xM25G  | 1788230000 | 5    |
| 1 x M 32 thread                         | HDC HB16 TSVL 1xM32G  | 1804640000 | 5    |
| 1 x M 32 thread                         | HDC HB16 TOVL 1xM32G  | 1804630000 | 5    |
| 1 x M 25 thread                         | HDC HBD40 TSVL 1xM25G | 1787050000 | 5    |
| 1 x M 32 thread                         | HDC HBD40 TSVL 1xM32G | 1787040000 | 5    |
| 1 x M 32 thread                         | HDC HBD40 TOVL 1xM32G | 1787100000 | 5    |
| <b>Standard housings, PG thread</b>     |                       |            |      |
| 1 x Pg21 complete                       | HDC-HB-16-TSVL1/21P   | 1209600000 | 5    |
| 1 x Pg21 sleeve                         | HDC-HB-16-TSVL1/21    | 1657850000 | 5    |
| 1 x Pg21 complete                       | HDC-HB-16-TOVL1/21P   | 1209500000 | 5    |
| 1 x Pg21 sleeve                         | HDC-HB-16-TOVL1/21    | 1657960000 | 5    |
| 1 x Pg21 complete                       | HDC-HBD-40-TSVL1/21P  | 1657880000 | 5    |
| 1 x Pg21 sleeve                         | HDC-HBD-40-TSVL1/21   | 1657890000 | 5    |
| 1 x Pg29 complete                       | HDC-HBD-40-TSVL1/29P  | 1657900000 | 5    |
| 1 x Pg29 sleeve                         | HDC-HBD-40-TSVL1/29   | 1657910000 | 5    |
| 1 x Pg21 complete                       | HDC-HBD-40-TOVL1/21P  | 1657990000 | 5    |
| 1 x Pg21 sleeve                         | HDC-HBD-40-TOVL1/21   | 1658000000 | 5    |
| 1 x Pg29 complete                       | HDC-HBD-40-TOVL1/29P  | 1658010000 | 5    |
| 1 x Pg29 sleeve                         | HDC-HBD-40-TOVL1/29   | 1658020000 | 5    |

**TSVL** = Plug hood; Side cable entry, end locking lower side  
**TOVL** = Plug hood; Top cable entry, end locking lower side

### Base housing HB-16 / HBD-40

End locking with/without cover

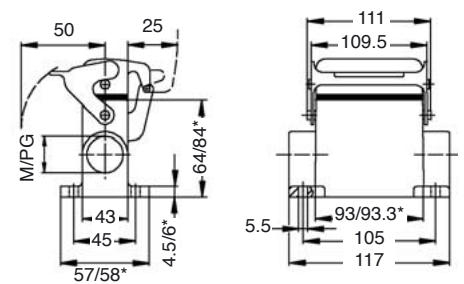


SVL



SDVL

Dimensions



\*HB/HBD

| Version                                 | Type                  | Cat. No.   | Qty. |
|-----------------------------------------|-----------------------|------------|------|
| <b>Standard housings, metric thread</b> |                       |            |      |
| 2 x M 25 thread                         | HDC HB16 SVL 2xM25G   | 1788250000 | 2    |
| 2 x M 25 thread                         | HDC HBD40 SVL 2xM25G  | 1787140000 | 2    |
| 2 x M 32 thread                         | HDC HBD40 SVL 1xM32G  | 1804660000 | 2    |
| 2 x M 32 thread                         | HDC HBD40 SVL 2xM32G  | 1787130000 | 2    |
| 2 x M 25 thread                         | HDC HB16 SDVL 2xM25G  | 1788270000 | 2    |
| 2 x M 25 thread                         | HDC HBD40 SDVL 2xM25G | 1787180000 | 2    |
| 2 x M 32 thread                         | HDC HBD40 SDVL 2xM32G | 1787170000 | 2    |
| <b>Standard housings, PG thread</b>     |                       |            |      |
| 1 x Pg21 complete                       | HDC-HB-16-SVL1/21P    | 1209800000 | 2    |
| 1 x Pg21 sleeve                         | HDC-HB-16-SVL1/21     | 1658110000 | 2    |
| 2 x Pg21 complete                       | HDC-HB-16-SVL2/21P    | 1209900000 | 2    |
| 2 x Pg21 sleeve                         | HDC-HB-16-SVL2/21     | 1658120000 | 2    |
| 1 x Pg21 complete                       | HDC-HB-16-SDVL1/21P   | 1210200000 | 2    |
| 1 x Pg21 sleeve                         | HDC-HB-16-SDVL1/21    | 1658320000 | 2    |
| 2 x Pg21 complete                       | HDC-HB-16-SDVL2/21P   | 1210300000 | 2    |
| 2 x Pg21 sleeve                         | HDC-HB-16-SDVL2/21    | 1658330000 | 2    |
| 1 x Pg21 complete                       | HDC-HBD-40-SDVL1/21P  | 1658370000 | 2    |
| 1 x Pg29 complete                       | HDC-HBD-40-SDVL1/29P  | 1658410000 | 2    |
| 2 x Pg29 complete                       | HDC-HBD-40-SDVL2/29P  | 1658430000 | 2    |

**SVL** = Base housing, end locking

**SDVL** = Base housing with cover, end locking

Housings Group Size 6

Coupling hood HB-16 / HBD-40

End locking



KVL

Bulkhead housing HB-16

End locking

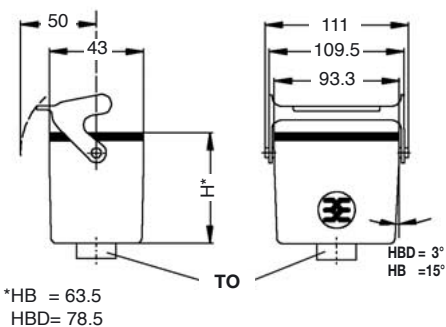


AVL



ADVL

Dimensions

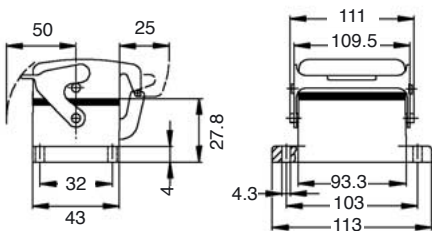


\*HB = 63.5  
HBD = 78.5

| Version                                 | Type                 | Cat. No.   | Qty. |
|-----------------------------------------|----------------------|------------|------|
| <b>Standard housings, metric thread</b> |                      |            |      |
| 1 x M 25 thread                         | HDC HB16 KVL 1xM25G  | 1788290000 | 2    |
| 1 x M 25 thread                         | HDC HBD40 KVL 1xM25G | 1787220000 | 2    |
| 1 x M 32 thread                         | HDC HBD40 KVL 1xM32G | 1787210000 | 2    |
| <b>Standard housings, PG thread</b>     |                      |            |      |
| 1 x Pg21 complete                       | HDC-HB-16-KVL1/21P   | 1210000000 | 2    |
| 1 x Pg29 complete                       | HDC-HBD-40-KVL1/29P  | 1658580000 | 2    |

KVL = Coupling hood, end locking

Dimensions



| Version                                         | Type           | Cat. No.   | Qty. |
|-------------------------------------------------|----------------|------------|------|
| <b>Standard housings</b>                        |                |            |      |
|                                                 | HDC-HB-16-AVL  | 1209700000 | 5    |
| <b>Standard housings with cover</b>             |                |            |      |
|                                                 | HDC-HB-16-ADVL | 1210100000 | 2    |
| AVL = Bulkhead housing, end locking             |                |            |      |
| ADVL = Bulkhead housing with cover, end locking |                |            |      |

For accessories see section "Accessories"



### Inserts Group Size 7

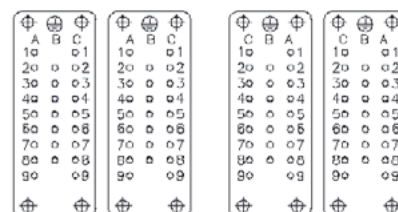
## Crimp connection series HD-50

|         |                 |
|---------|-----------------|
| 50-pole | 250 V-/max 10 A |
|---------|-----------------|

|         |                 |
|---------|-----------------|
| 50-pole | 250 V-/max 10 A |
|---------|-----------------|



## Dimensions



View from cable side

| Version                     | Type | Cat. No.     | Qty.       |
|-----------------------------|------|--------------|------------|
| <b>For stamped contacts</b> |      |              |            |
| Male                        | 2x   | HDC-HD-25SCG | 1650790000 |
| <b>For turned contacts</b>  |      |              |            |
| Male                        | 2x   | HDC-HD-25SCM | 1650810000 |

Please order two inserts per housing

| Version                     | Type | Cat. No.     | Qty.       |
|-----------------------------|------|--------------|------------|
| <b>For stamped contacts</b> |      |              |            |
| Female                      | 2x   | HDC-HD-25BCG | 1650800000 |
| <b>For turned contacts</b>  |      |              |            |
| Female                      | 2x   | HDC-HD-25BCM | 1650820000 |

Please order two inserts per housing

For crimp contacts see page 62 and 63

For crimp contacts see page 62 and 63

For accessories see section "Accessories"

## Housings Group Size 7

### Plug hood HA-32

Side locking lower side

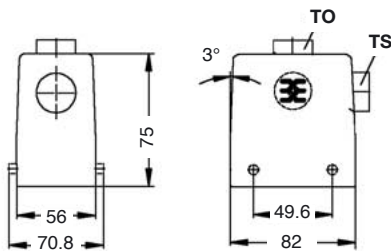


TOVU



TSVU

Dimensions



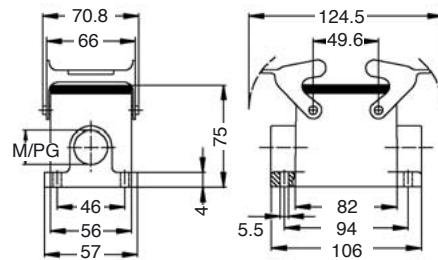
### Base housing HA-32

Side locking



SVU

Dimensions



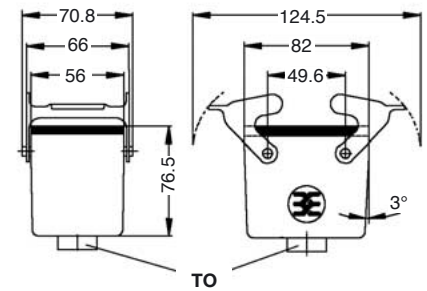
### Coupling hood HA-32

Side locking



KVVU

Dimensions



| Version                                 | Type                 | Cat. No.          | Qty. |
|-----------------------------------------|----------------------|-------------------|------|
| <b>Standard housings, metric thread</b> |                      |                   |      |
| 1 x M 25 thread                         | HDC HA32 TOVU 1xM25G | <b>1788000000</b> | 2    |
| 1 x M 32 thread                         | HDC HA32 TOVU 1xM32G | <b>1787990000</b> | 2    |
| 1 x M 25 thread                         | HDC HA32 TSVU 1xM25G | <b>1787960000</b> | 2    |
| 1 x M 32 thread                         | HDC HA32 TSVU 1xM32G | <b>1787950000</b> | 2    |
| <b>Standard housings, PG thread</b>     |                      |                   |      |
| 1 x Pg21 complete                       | HDC-HA-32-TOVU1/21P  | <b>1665780000</b> | 2    |
| 1 x Pg21 sleeve                         | HDC-HA-32-TOVU1/21   | <b>1665790000</b> | 2    |
| 1 x Pg29 complete                       | HDC-HA-32-TOVU1/29P  | <b>1665800000</b> | 2    |
| 1 x Pg29 sleeve                         | HDC-HA-32-TOVU1/29   | <b>1665810000</b> | 2    |
| 1 x Pg21 complete                       | HDC-HA-32-TSVU1/21P  | <b>1665660000</b> | 2    |
| 1 x Pg21 sleeve                         | HDC-HA-32-TSVU1/21   | <b>1665670000</b> | 2    |
| 1 x Pg29 complete                       | HDC-HA-32-TSVU1/29P  | <b>1665680000</b> | 2    |
| 1 x Pg29 sleeve                         | HDC-HA-32-TSVU1/29   | <b>1665690000</b> | 2    |

**TOVU** = Plug hood; Top cable entry, side locking lower side  
**TSVU** = Plug hood; Side cable entry, side locking lower side

| Version                                 | Type                | Cat. No.          | Qty. |
|-----------------------------------------|---------------------|-------------------|------|
| <b>Standard housings, metric thread</b> |                     |                   |      |
| 2 x M 25 thread                         | HDC HA32 SVU 2xM25G | <b>1788040000</b> | 2    |
| 2 x M 32 thread                         | HDC HA32 SVU 2xM32G | <b>1788030000</b> | 2    |
| <b>Standard housings, PG thread</b>     |                     |                   |      |
| 1 x Pg21 complete                       | HDC-HA-32-SVU1/21P  | <b>1665960000</b> | 2    |
| 1 x Pg29 complete                       | HDC-HA-32-SVU1/29P  | <b>1666000000</b> | 2    |
| 1 x Pg29 sleeve                         | HDC-HA-32-SVU1/29   | <b>1666010000</b> | 2    |
| 2 x Pg21 complete                       | HDC-HA-32-SVU2/21P  | <b>1665980000</b> | 2    |
| 2 x Pg29 complete                       | HDC-HA-32-SVU2/29P  | <b>1666020000</b> | 2    |

**SVU** = Base housing, side locking lower side

| Version                                 | Type                 | Cat. No.          | Qty. |
|-----------------------------------------|----------------------|-------------------|------|
| <b>Standard housings, metric thread</b> |                      |                   |      |
| 1 x M 25 thread                         | HDC HA32 KVVU 1xM25G | <b>1788080000</b> | 2    |
| 1 x M 32 thread                         | HDC HA32 KVVU 1xM32G | <b>1788070000</b> | 2    |
| <b>Standard housings, PG thread</b>     |                      |                   |      |
| 1 x Pg21 complete                       | HDC-HA-32-KVVU1/21P  | <b>1666120000</b> | 2    |
| 1 x Pg29 complete                       | HDC-HA-32-KVVU1/29P  | <b>1666140000</b> | 2    |

**KVVU** = Coupling hood, side locking

For accessories see section "Accessories"



Housings Group Size 7

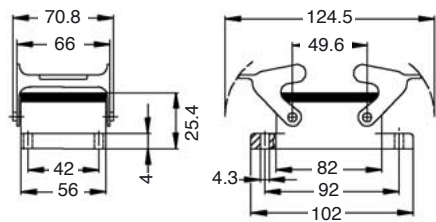
Bulkhead housing HA-32

Side locking



AVU

Dimensions



| Version           | Type          | Cat. No.   | Qty. |
|-------------------|---------------|------------|------|
| Standard housings |               |            |      |
|                   | HDC-HA-32-AVU | 1665860000 | 2    |

AVU = Bulkhead housing, side locking lower side

For accessories see section "Accessories"



## Housings Group Size 8

### Plug hood HB-24

Side locking lower side

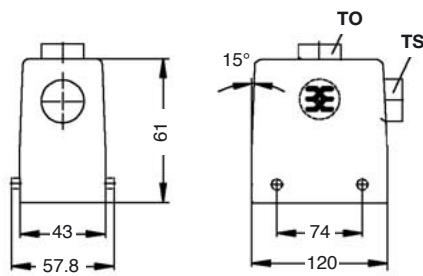


TOVU



TSVU

Dimensions



### Plug hood HBD-64

Side locking lower side / high version

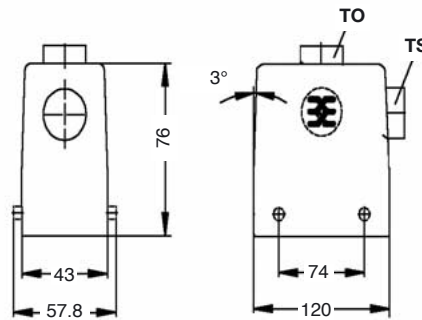


TOVU



TSVU

Dimensions



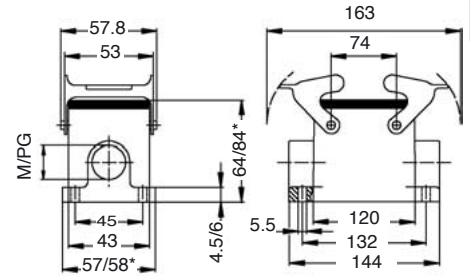
### Base housing HB-24 / HBD-64

Side locking



SVU

Dimensions



\*HB/HBD

| Version                                 | Type                 | Cat. No.          | Qty. |
|-----------------------------------------|----------------------|-------------------|------|
| <b>Standard housings, metric thread</b> |                      |                   |      |
| 1 x M 25 thread                         | HDC HB24 TOVU 1xM25G | <b>1787820000</b> | 2    |
| 1 x M 32 sleeve                         | HDC HB24 TSVU 1xM32  | <b>1787750000</b> | 2    |
| 1 x M 25 sleeve                         | HDC HB24 TSVU 1xM25  | <b>1787760000</b> | 2    |
| 1 x M 32 thread                         | HDC HB24 TOVU 1xM32G | <b>1787810000</b> | 2    |
| <b>Standard housings, PG thread</b>     |                      |                   |      |
| 1 x Pg21 complete                       | HDC-HB-24-TSVU1/21P  | <b>1212100000</b> | 2    |
| 1 x Pg21 sleeve                         | HDC-HB-24-TSVU1/21   | <b>1661230000</b> | 2    |
| 1 x Pg29 complete                       | HDC-HB-24-TSVU1/29P  | <b>1212200000</b> | 2    |
| 1 x Pg29 sleeve                         | HDC-HB-24-TSVU1/29   | <b>1661240000</b> | 2    |
| 1 x Pg21 complete                       | HDC-HB-24-TOVU1/21P  | <b>1211900000</b> | 2    |
| 1 x Pg21 sleeve                         | HDC-HB-24-TOVU1/21   | <b>1661370000</b> | 2    |
| 1 x Pg29 complete                       | HDC-HB-24-TOVU1/29P  | <b>1212000000</b> | 2    |
| 1 x Pg29 sleeve                         | HDC-HB-24-TOVU1/29   | <b>1661380000</b> | 2    |

**TOVU** = Plug hood; Top cable entry, side locking lower side

**TSVU** = Plug hood; Side cable entry, side locking lower side

| Version                                 | Type                  | Cat. No.          | Qty. |
|-----------------------------------------|-----------------------|-------------------|------|
| <b>Standard housings, metric thread</b> |                       |                   |      |
| 1 x M 25 thread                         | HDC HBD64 TSVU 1xM25G | <b>1786780000</b> | 2    |
| 1 x M 32 thread                         | HDC HBD64 TSVU 1xM32G | <b>1786770000</b> | 2    |
| 1 x M 25 thread                         | HDC HBD64 TOVU 1xM25G | <b>1786840000</b> | 2    |
| 1 x M 32 thread                         | HDC HBD64 TOVU 1xM32G | <b>1786830000</b> | 2    |
| <b>Standard housings, PG thread</b>     |                       |                   |      |
| 1 x Pg21 complete                       | HDC-HBD-64-TSVU1/21P  | <b>1661290000</b> | 2    |
| 1 x Pg21 sleeve                         | HDC-HBD-64-TSVU1/21   | <b>1661300000</b> | 2    |
| 1 x Pg29 complete                       | HDC-HBD-64-TSVU1/29P  | <b>1661310000</b> | 2    |
| 1 x Pg29 sleeve                         | HDC-HBD-64-TSVU1/29   | <b>1661320000</b> | 2    |
| 1 x Pg21 complete                       | HDC-HBD-64-TOVU1/21P  | <b>1661430000</b> | 2    |
| 1 x Pg21 sleeve                         | HDC-HBD-64-TOVU1/21   | <b>1661440000</b> | 2    |
| 1 x Pg29 complete                       | HDC-HBD-64-TOVU1/29P  | <b>1661450000</b> | 2    |
| 1 x Pg29 sleeve                         | HDC-HBD-64-TOVU1/29   | <b>1661460000</b> | 2    |

**TOVU** = Plug hood; Top cable entry, side locking lower side

**TSVU** = Plug hood; Side cable entry, side locking lower side

| Version                                 | Type                 | Cat. No.          | Qty. |
|-----------------------------------------|----------------------|-------------------|------|
| <b>Standard housings, metric thread</b> |                      |                   |      |
| 2 x M 25 thread                         | HDC HB24 SVU 2xM25G  | <b>1787870000</b> | 2    |
| 2 x M 25 thread                         | HDC HBD64 SVU 2xM25G | <b>1786890000</b> | 2    |
| 2 x M 32 thread                         | HDC HBD64 SVU 2xM32G | <b>1786880000</b> | 2    |
| <b>Standard housings, PG thread</b>     |                      |                   |      |
| 1 x Pg21 complete                       | HDC-HB-24-SVU1/21P   | <b>1212500000</b> | 2    |
| 1 x Pg21 sleeve                         | HDC-HB-24-SVU1/21    | <b>1661510000</b> | 2    |
| 2 x Pg21 complete                       | HDC-HB-24-SVU2/21P   | <b>1212600000</b> | 2    |
| 2 x Pg21 sleeve                         | HDC-HB-24-SVU2/21    | <b>1661520000</b> | 2    |
| 1 x Pg21 complete                       | HDC-HBD-64-SVU1/21P  | <b>1661560000</b> | 2    |
| 1 x Pg21 sleeve                         | HDC-HBD-64-SVU1/21   | <b>1661570000</b> | 2    |
| 1 x Pg29 complete                       | HDC-HBD-64-SVU1/29P  | <b>1661600000</b> | 2    |
| 1 x Pg29 sleeve                         | HDC-HBD-64-SVU1/29   | <b>1661610000</b> | 2    |
| 2 x Pg21 complete                       | HDC-HBD-64-SVU2/21P  | <b>1661580000</b> | 2    |
| 2 x Pg21 sleeve                         | HDC-HBD-64-SVU2/21   | <b>1661590000</b> | 2    |
| 2 x Pg29 complete                       | HDC-HBD-64-SVU2/29P  | <b>1661620000</b> | 2    |
| 2 x Pg29 sleeve                         | HDC-HBD-64-SVU2/29   | <b>1661630000</b> | 2    |

**SVU** = Base housing, side locking

For accessories see section "Accessories"

## Housings Group Size 8

### Coupling hood HB-24 / HBD-64

Side locking

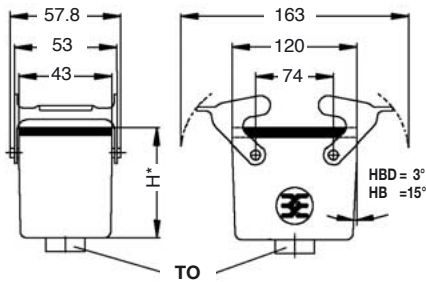


KVU



KVU

#### Dimensions



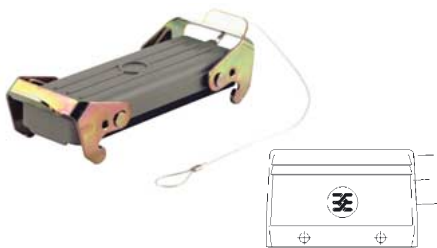
\*HB = 63.8  
HBD = 78.8

| Version                                 | Type                 | Cat. No.   | Qty. |
|-----------------------------------------|----------------------|------------|------|
| <b>Standard housings, metric thread</b> |                      |            |      |
| 1 x M 25 thread                         | HDC HB24 KVU 1xM25G  | 1787920000 | 2    |
| 1 x M 32 thread                         | HDC HB24 KVU 1xM32G  | 1787910000 | 2    |
| 1 x M 25 thread                         | HDC HBD64 KVU 1xM25G | 1786970000 | 2    |
| 1 x M 32 thread                         | HDC HBD64 KVU 1xM32G | 1786960000 | 2    |
| <b>Standard housings, PG thread</b>     |                      |            |      |
| 1 x Pg21 complete                       | HDC-HB-24-KVU1/21P   | 1212700000 | 2    |
| 1 x Pg21 sleeve                         | HDC-HB-24-KVU1/21    | 1661720000 | 2    |
| 1 x Pg29 complete                       | HDC-HB-24-KVU1/29P   | 1212800000 | 2    |
| 1 x Pg29 sleeve                         | HDC-HB-24-KVU1/29    | 1661730000 | 2    |
| 1 x Pg21 complete                       | HDC-HBD-64-KVU1/21P  | 1661780000 | 2    |
| 1 x Pg29 complete                       | HDC-HBD-64-KVU1/29P  | 1661800000 | 2    |

KVU = Coupling hood, side locking

### Cover for plug hood

Cover with cord



| Type                 | Cat. No.   | Qty. |
|----------------------|------------|------|
| <b>Plastic cover</b> |            |      |
| HDC-HB-24-DT         | 1665640000 | 2    |

For accessories see section "Accessories"

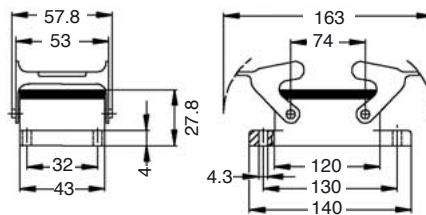
### Bulkhead housing HB-24

Side locking



AVU

#### Dimensions

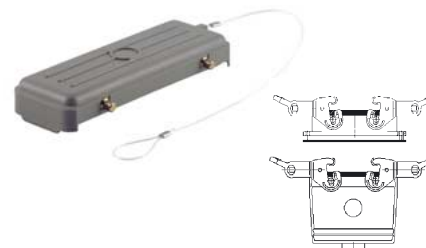


| Version                  | Type          | Cat. No.   | Qty. |
|--------------------------|---------------|------------|------|
| <b>Standard housings</b> |               |            |      |
|                          | HDC-HB-24-AVU | 1212400000 | 2    |

AVU = Bulkhead housing, side locking

### Cover for lower side with side locking

Cover with cord



| Type                 | Cat. No.   | Qty. |
|----------------------|------------|------|
| <b>Plastic cover</b> |            |      |
| HDC-HB-24-DB         | 1665630000 | 2    |

### Plug hood HB-24 / HBD-64

Side locking upper side

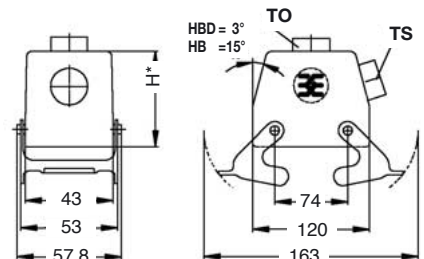


TOVO



TSVO

#### Dimensions



\*HB = 61  
HBD = 76

| Version                                 | Type                  | Cat. No.   | Qty. |
|-----------------------------------------|-----------------------|------------|------|
| <b>Standard housings, metric thread</b> |                       |            |      |
| 1 x M 25 sleeve                         | HDC HB24 TSVO 1xM25   | 1787780000 | 2    |
| 1 x M 32 sleeve                         | HDC HB24 TSVO 1xM32   | 1787770000 | 2    |
| 1 x M 25 thread                         | HDC HB24 TOVO 1xM25G  | 1787840000 | 2    |
| 1 x M 32 thread                         | HDC HB24 TOVO 1xM32G  | 1787830000 | 2    |
| 1 x M 25 thread                         | HDC HBD64 TOVO 1xM25G | 1786850000 | 2    |
| 1 x M 32 thread                         | HDC HBD64 TOVO 1xM32G | 1804670000 | 2    |
| 1 x M 25 thread                         | HDC HBD64 TSVO 1xM25G | 1786800000 | 2    |
| 1 x M 32 thread                         | HDC HBD64 TSVO 1xM32G | 1786790000 | 2    |
| <b>Standard housings, PG thread</b>     |                       |            |      |
| 1 x Pg21 complete                       | HDC-HB-24-TSVO1/21P   | 1213100000 | 2    |
| 1 x Pg21 sleeve                         | HDC-HB-24-TSVO1/21    | 1661860000 | 2    |
| 1 x Pg29 complete                       | HDC-HB-24-TSVO1/29P   | 1661870000 | 2    |
| 1 x Pg29 sleeve                         | HDC-HB-24-TSVO1/29    | 1661880000 | 2    |
| 1 x Pg21 complete                       | HDC-HB-24-TOVO1/21P   | 1212900000 | 2    |
| 1 x Pg21 sleeve                         | HDC-HB-24-TOVO1/21    | 1662010000 | 2    |
| 1 x Pg29 complete                       | HDC-HB-24-TOVO1/29P   | 1213000000 | 2    |
| 1 x Pg29 sleeve                         | HDC-HB-24-TOVO1/29    | 1662020000 | 2    |
| 1 x Pg21 complete                       | HDC-HBD-64-TOVO1/21P  | 1662070000 | 2    |
| 1 x Pg21 sleeve                         | HDC-HBD-64-TOVO1/21   | 1662080000 | 2    |
| 1 x Pg29 complete                       | HDC-HBD-64-TOVO1/29P  | 1662090000 | 2    |
| 1 x Pg29 sleeve                         | HDC-HBD-64-TOVO1/29   | 1662100000 | 2    |
| 1 x Pg21 complete                       | HDC-HBD-64-TSVO1/21P  | 1661930000 | 2    |
| 1 x Pg21 sleeve                         | HDC-HBD-64-TSVO1/21   | 1661940000 | 2    |
| 1 x Pg29 complete                       | HDC-HBD-64-TSVO1/29P  | 1661950000 | 2    |
| 1 x Pg29 sleeve                         | HDC-HBD-64-TSVO1/29   | 1661960000 | 2    |

TOVO = Plug hood; Top cable entry, side locking

TSVO = Plug hood; Side cable entry, side locking

Housings Group Size 8

Base housing HB-24 / HBD-64

Side locking upper side      Group size 8



SDVO

Bulkhead housing HB-24

Side locking upper side      Group size 8



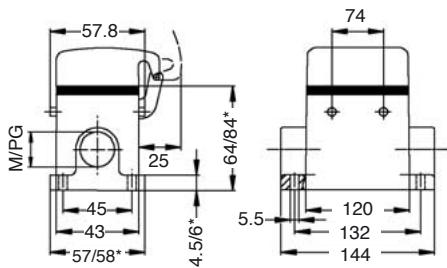
ADVO

Cover for plug hood with side locking

Cover with cord

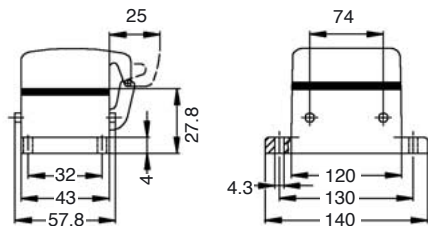


Dimensions

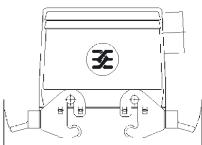


\*HB/HBD

Dimensions



Dimensions



| Version                                            | Type                  | Cat. No.   | Qty. |
|----------------------------------------------------|-----------------------|------------|------|
| <b>Standard housings with cover, metric thread</b> |                       |            |      |
| 2 x M 25 thread                                    | HDC HB24 SDVO 2xM25G  | 1787890000 | 2    |
| 2 x M 25 thread                                    | HDC HBD64 SDVO 2xM25G | 1786930000 | 2    |
| 2 x M 32 thread                                    | HDC HBD64 SDVO 2xM32G | 1786920000 | 2    |
| <b>Standard housings with cover, metric thread</b> |                       |            |      |
| 1 x Pg21 complete                                  | HDC-HB-24-SDVO1/21P   | 1213400000 | 2    |
| 1 x Pg21 sleeve                                    | HDC-HB-24-SDVO1/21    | 1662170000 | 2    |
| 2 x Pg21 complete                                  | HDC-HB-24-SDVO2/21P   | 1213500000 | 2    |
| 2 x Pg21 sleeve                                    | HDC-HB-24-SDVO2/21    | 1662180000 | 2    |
| 1 x Pg29 complete                                  | HDC-HBD-64-SDVO1/29P  | 1662270000 | 2    |
| 1 x Pg29 sleeve                                    | HDC-HBD-64-SDVO1/29   | 1662280000 | 2    |
| 2 x Pg21 complete                                  | HDC-HBD-64-SDVO2/21P  | 1662250000 | 2    |

SDVO = Base housing with cover, side locking upper side

| Version                             | Type           | Cat. No.   | Qty. |
|-------------------------------------|----------------|------------|------|
| <b>Standard housings with cover</b> |                |            |      |
|                                     | HDC-HB-24-ADVO | 1213300000 | 2    |

ADVO = Bulkhead housing with cover, side locking upper side

| Type                 | Cat. No.   | Qty. |
|----------------------|------------|------|
| <b>Plastic cover</b> |            |      |
| HDC-HB-24-DBP        | 1665650000 | 2    |

For accessories see section "Accessories"

## Housings Group Size 8

### Plug hood HB-24

End locking / lower side

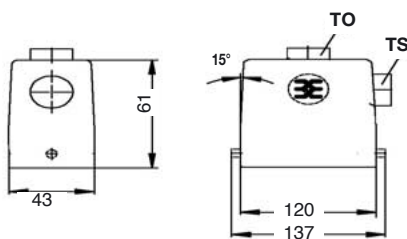


TOVL



TSVL

Dimensions



| Version                                 | Type                 | Cat. No.          | Qty. |
|-----------------------------------------|----------------------|-------------------|------|
| <b>Standard housings, metric thread</b> |                      |                   |      |
| 1 x M 25 sleeve                         | HDC HB24 TSVL 1xM25  | <b>1787800000</b> | 2    |
| 1 x M 32 sleeve                         | HDC HB24 TSVL 1xM32  | <b>1787790000</b> | 2    |
| 1 x M 25 thread                         | HDC HB24 TOVL 1xM25G | <b>1787860000</b> | 2    |
| 1 x M 32 thread                         | HDC HB24 TOVL 1xM32G | <b>1787850000</b> | 2    |
| <b>Standard housings, PG thread</b>     |                      |                   |      |
| 1 x Pg21 complete                       | HDC-HB-24-TSVL1/21P  | <b>1213800000</b> | 2    |
| 1 x Pg21 sleeve                         | HDC-HB-24-TSVL1/21   | <b>1662390000</b> | 2    |
| 1 x Pg29 complete                       | HDC-HB-24-TSVL1/29P  | <b>1662400000</b> | 2    |
| 1 x Pg29 sleeve                         | HDC-HB-24-TSVL1/29   | <b>1662410000</b> | 2    |
| 1 x Pg21 complete                       | HDC-HB-24-TOVL1/21P  | <b>1213600000</b> | 2    |
| 1 x Pg21 sleeve                         | HDC-HB-24-TOVL1/21   | <b>1662540000</b> | 2    |
| 1 x Pg29 complete                       | HDC-HB-24-TOVL1/29P  | <b>1213700000</b> | 2    |
| 1 x Pg29 sleeve                         | HDC-HB-24-TOVL1/29   | <b>1662550000</b> | 2    |

**TOVL** Plug hood; Top cable entry, end locking lower side

**TSVL** = Plug hood; Side cable entry, end locking lower side

### Plug hood HBD-64

End locking / lower side / high version

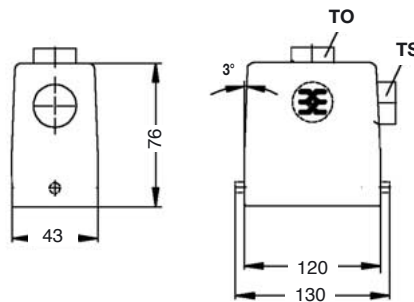


TOVL



TSVL

Dimensions



| Version                                 | Type                  | Cat. No.          | Qty. |
|-----------------------------------------|-----------------------|-------------------|------|
| <b>Standard housings, metric thread</b> |                       |                   |      |
| 1 x M 25 thread                         | HDC HBD64 TSVL 1xM25G | <b>1786820000</b> | 2    |
| 1 x M 32 thread                         | HDC HBD64 TSVL 1xM32G | <b>1786810000</b> | 2    |
| 1 x M 25 thread                         | HDC HBD64 TOVL 1xM25G | <b>1786870000</b> | 2    |
| 1 x M 32 thread                         | HDC HBD64 TOVL 1xM32G | <b>1786860000</b> | 2    |
| <b>Standard housings, PG thread</b>     |                       |                   |      |
| 1 x Pg21 complete                       | HDC-HBD-64-TSVL1/21P  | <b>1662460000</b> | 2    |
| 1 x Pg21 sleeve                         | HDC-HBD-64-TSVL1/21   | <b>1662470000</b> | 2    |
| 1 x Pg29 complete                       | HDC-HBD-64-TSVL1/29P  | <b>1662480000</b> | 2    |
| 1 x Pg29 sleeve                         | HDC-HBD-64-TSVL1/29   | <b>1662490000</b> | 2    |
| 1 x Pg29 complete                       | HDC-HBD-64-TOVL1/29P  | <b>1662620000</b> | 2    |
| 1 x Pg29 sleeve                         | HDC-HBD-64-TOVL1/29   | <b>1662630000</b> | 2    |

**TOVL** Plug hood; Top cable entry, end locking lower side

**TSVL** = Plug hood; Side cable entry, end locking lower side

### Base housing HB-24 / HBD-64

End locking / with/without cover

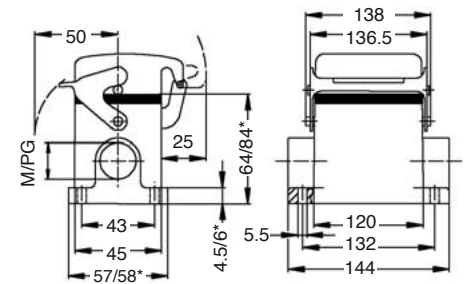


SVL



SDVL

Dimensions



\*HB/HBD

| Version                                            | Type                  | Cat. No.          | Qty. |
|----------------------------------------------------|-----------------------|-------------------|------|
| <b>Standard housings, metric thread</b>            |                       |                   |      |
| 2 x M 25 thread                                    | HDC HB24 SVL 2xM25G   | <b>1787880000</b> | 2    |
| 2 x M 25 thread                                    | HDC HBD64 SVL 2xM25G  | <b>1786910000</b> | 2    |
| 2 x M 32 thread                                    | HDC HBD64 SVL 2xM32G  | <b>1786900000</b> | 2    |
| 2 x M 25 thread                                    | HDC HBD64 SDVL 2xM25G | <b>1786950000</b> | 2    |
| 2 x M 32 thread                                    | HDC HBD64 SDVL 2xM32G | <b>1786940000</b> | 2    |
| <b>Standard housings with cover, metric thread</b> |                       |                   |      |
| 2 x M 25 thread                                    | HDC HB24 SDVL 2xM25G  | <b>1787900000</b> | 2    |
| <b>Standard housings, PG thread</b>                |                       |                   |      |
| 1 x Pg21 complete                                  | HDC-HB-24-SVL1/21P    | <b>1214000000</b> | 2    |
| 1 x Pg21 sleeve                                    | HDC-HB-24-SVL1/21     | <b>1662710000</b> | 2    |
| 2 x Pg21 complete                                  | HDC-HB-24-SVL2/21P    | <b>1214100000</b> | 2    |
| 2 x Pg21 sleeve                                    | HDC-HB-24-SVL2/21     | <b>1662720000</b> | 2    |
| 2 x Pg21 complete                                  | HDC-HBD-64-SVL2/21P   | <b>1662780000</b> | 2    |
| <b>Standard housings with cover, PG thread</b>     |                       |                   |      |
| 1 x Pg21 complete                                  | HDC-HB-24-SDVL1/21P   | <b>1214400000</b> | 2    |
| 1 x Pg21 sleeve                                    | HDC-HB-24-SDVL1/21    | <b>1662920000</b> | 2    |
| 2 x Pg21 complete                                  | HDC-HB-24-SDVL2/21P   | <b>1214500000</b> | 2    |
| 2 x Pg29 sleeve                                    | HDC-HBD-64-SDVL2/29   | <b>1663040000</b> | 2    |
| 1 x Pg21 complete                                  | HDC-HBD-64-SDVL1/21P  | <b>1662970000</b> | 2    |
| 1 x Pg29 complete                                  | HDC-HBD-64-SDVL1/29P  | <b>1663010000</b> | 2    |

**SVL** = Base housing, end locking

**SDVL** = Base housing with cover, end locking

For accessories see section "Accessories"



Housings Group Size 8

Coupling hood HB-24 / HBD-64

End locking



KVL

Bulkhead housing HB-24

End locking, with/without cover

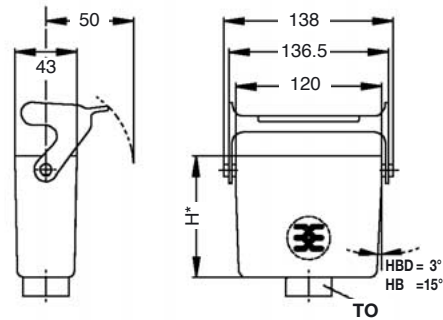


AVL



ADV

Dimensions

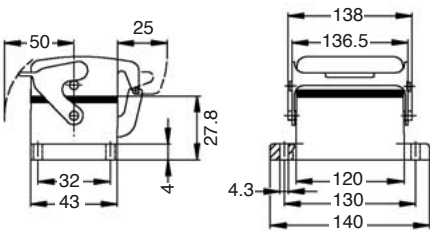


\*HB = 63.8  
HBD= 78.8

| Version                          | Type                 | Cat. No.   | Qty. |
|----------------------------------|----------------------|------------|------|
| Standard housings, metric thread |                      |            |      |
| 1 x M 25 thread                  | HDC HB24 KVL 1xM25G  | 1787940000 | 2    |
| 1 x M 32 thread                  | HDC HB24 KVL 1xM32G  | 1787930000 | 2    |
| 1 x M 25 thread                  | HDC HBD64 KVL 1xM25G | 1786990000 | 2    |
| 1 x M 32 thread                  | HDC HBD64 KVL 1xM32G | 1786980000 | 2    |
| Standard housings, PG thread     |                      |            |      |
| 1 x Pg21 complete                | HDC-HB-24-KVL1/21P   | 1663130000 | 2    |
| 1 x Pg29 complete                | HDC-HB-24-KVL1/29P   | 1214200000 | 2    |
| 1 x Pg29 complete                | HDC-HBD-64-KVL1/29P  | 1663220000 | 2    |

KVL = Coupling hood, end locking

Dimensions



| Version                      | Type          | Cat. No.   | Qty. |
|------------------------------|---------------|------------|------|
| Standard housings            |               |            |      |
|                              | HDC-HB-24-AVL | 1213900000 | 2    |
| Standard housings with cover |               |            |      |
|                              | HDC-HB-24-ADV | 1214300000 | 2    |

AVL= Bulkhead housing, end locking

ADV = Bulkhead housing with cover, end locking

For accessories see section "Accessories"

Housings Group Size 8

Plug hood HBD-64

Centre locking



TSVZ

Base housing HB-24

Centre locking upper side



SVZ

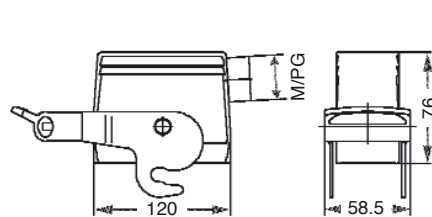
Bulkhead housing HB-24

Centre locking

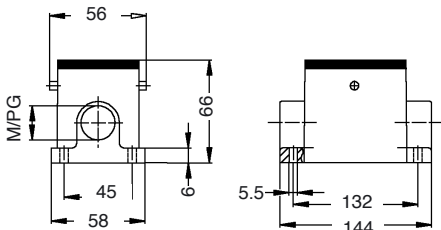


AVZ

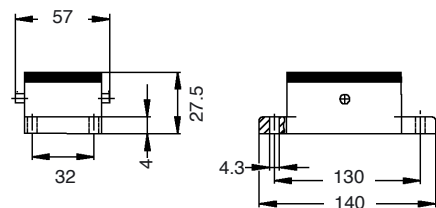
Dimensions



Dimensions



Dimensions



| Version                          | Type                          | Cat. No.   | Qty. |
|----------------------------------|-------------------------------|------------|------|
| Standard housings, metric thread |                               |            |      |
| 1 x Pg21                         | complete HDC-HBD-64-TSVZ1/21P | 1663360000 | 2    |
| 1 x Pg29                         | complete HDC-HBD-64-TSVZ1/29P | 1603510000 | 2    |
| 1 x Pg29                         | sleeve HDC-HBD-64-TSVZ1/29    | 1663390000 | 2    |

TSVZ = Plug hood; Side cable entry, centre locking

| Version                      | Type                        | Cat. No.   | Qty. |
|------------------------------|-----------------------------|------------|------|
| Standard housings, PG thread |                             |            |      |
| 1 x Pg21                     | complete HDC-HB-24-SVZ1/21P | 1600620000 | 2    |

SVZ = Base housing, centre locking

| Version           | Type          | Cat. No.   | Qty. |
|-------------------|---------------|------------|------|
| Standard housings |               |            |      |
|                   | HDC-HB-24-AVZ | 1611350000 | 2    |

AVZ = Bulkhead housing, centre locking

For accessories see section "Accessories"

## Crimp connection series HD-80

80-pole

250 V-/max 10 A

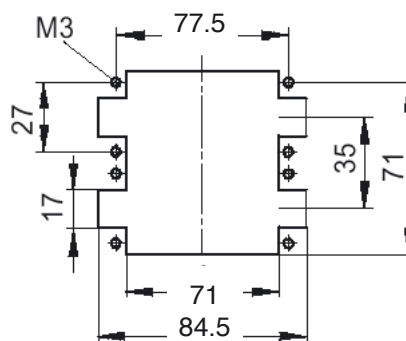
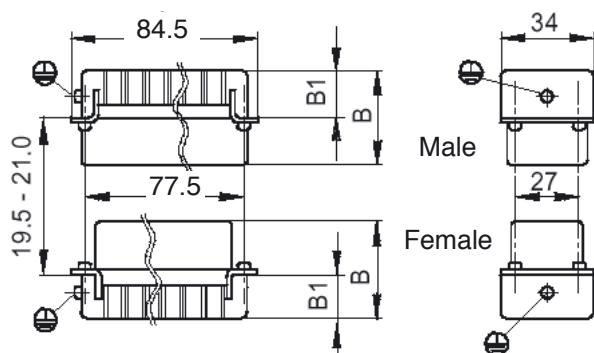


Male



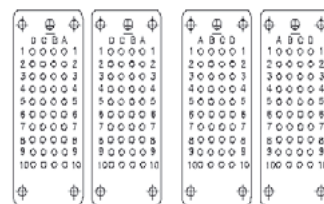
**Female**

### Dimensions



Male

Female



View from cable side

| Version                     | Type | Cat. No.     | Qty.       |
|-----------------------------|------|--------------|------------|
| <b>2 x HD 40</b>            |      |              |            |
| <b>For stamped contacts</b> |      |              |            |
| Male                        | 2x   | HDC-HD-40SCG | 1572560000 |
|                             |      |              | 5          |
| <b>For turned contacts</b>  |      |              |            |
| Male                        | 2x   | HDC-HD-40SCM | 1601710000 |

**Please order two inserts per housing**

| Version                     | Type | Cat. No.     | Qty. |
|-----------------------------|------|--------------|------|
| <b>2 x HD 40</b>            |      |              |      |
| <b>For stamped contacts</b> |      |              |      |
| Female                      | 2x   | HDC-HD-40BCG | 5    |
| <b>For turned contacts</b>  |      |              |      |
| Female                      | 2x   | HDC-HD-40BCM | 5    |

**Please order two inserts per housing**

For crimp contacts see page 62 and 63

For crimp contacts see page 62 and 63

For accessories see section "Accessories"

**Weldmüller** 

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## Housings Group Size 10

## Plug hood HB-32

**End locking / lower side**



**TOVL**

### Base housing HB-32

End locking with/without cover



SVL



SDVL

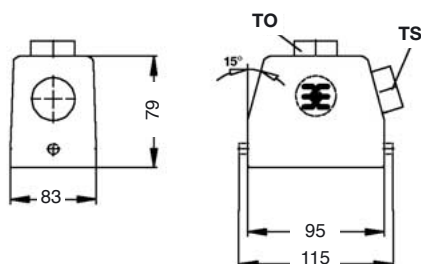
## Coupling hood HB-32

### End locking / with cover

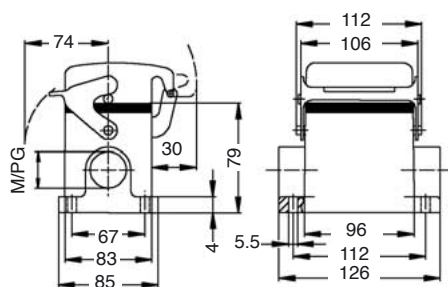


**KDVL**

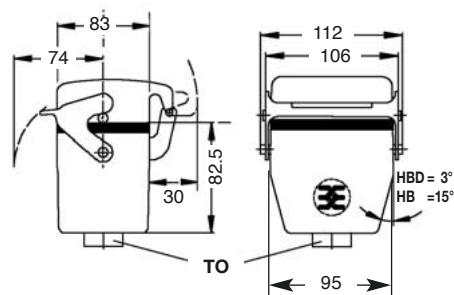
### Dimensions



### Dimensions



## Dimensions



| Version                                 | Type                         | Cat. No.          | Qty. |
|-----------------------------------------|------------------------------|-------------------|------|
| <b>Standard housings, metric thread</b> |                              |                   |      |
| 1 x M 32                                | HDC HB32 TSVL 1xM32G         | <b>1788420000</b> | 1    |
| 1 x M 32                                | thread HDC HB32 TOVL 1xM32G  | <b>1788450000</b> | 1    |
| <b>Standard housings, PG thread</b>     |                              |                   |      |
| 1 x Pg29                                | complete HDC-HB-32-TSVL1/29P | <b>1219300000</b> | 1    |
| 1 x Pg29                                | sleeve HDC-HB-32-TSVL1/29P   | <b>1667120000</b> | 1    |
| 1 x Pg29                                | complete HDC-HB-32-TOVL1/29P | <b>1219200000</b> | 1    |

| Version                                            | Type                 | Cat. No.          | Qty. |
|----------------------------------------------------|----------------------|-------------------|------|
| <b>Standard housings, metric thread</b>            |                      |                   |      |
| 2 x M 32 thread                                    | HDC HB32 SVL 2xM32G  | <b>1788470000</b> | 1    |
| <b>Standard housings with cover, metric thread</b> |                      |                   |      |
| 2 x M 32 thread                                    | HDC HB32 SDVL 2xM32G | <b>1788490000</b> | 1    |
| <b>Standard housings, PG thread</b>                |                      |                   |      |
| 1 x Pg29 complete                                  | HDC-HB-32-SVL1/29P   | <b>1219600000</b> | 1    |
| <b>Standard housings with cover, PG thread</b>     |                      |                   |      |
| 1 x Pg29 complete                                  | HDC-HB-32-SDVL1/29P  | <b>1219900000</b> | 1    |
| 2 x Pg29 complete                                  | HDC-HB-32-SDVL2/29P  | <b>1220000000</b> | 1    |

| Version                                            | Type                 | Cat. No.          | Qty.     |
|----------------------------------------------------|----------------------|-------------------|----------|
| <b>Standard housings with cover, metric thread</b> |                      |                   |          |
| 1 x M 32 thread                                    | HDC HB32 KDVL 1xM32G | <b>1788500000</b> | <b>1</b> |

**TOVL** = Plug hood; Top cable entry,  
end locking lower side

---

**TSVL** = Plug hood; Side cable entry,  
end locking lower side

---

**SVL** = Base housing, end locking

---

**SDVL** = Base housing with cover, end locking

**KDVL** = Coupling hood with cover, end locking

For accessories see section "Accessories"

## Housings Group Size 10

### Bulkhead housing HB-32

End locking

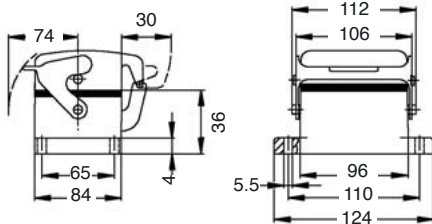


AVL



ADVL

Dimensions



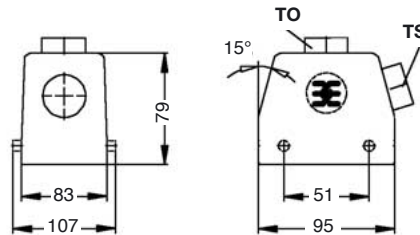
### Plug hood HB-32

Side locking lower side



TSVU

Dimensions



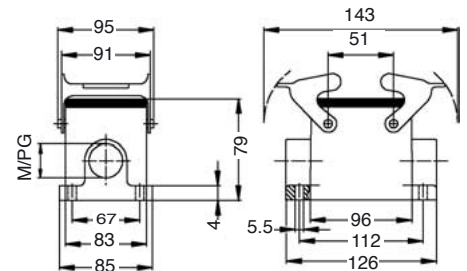
### Base housing HB-32

Side locking / lower side



SVU

Dimensions



| Version                             | Type           | Cat. No.   | Qty. |
|-------------------------------------|----------------|------------|------|
| <b>Standard housings</b>            |                |            |      |
|                                     | HDC-HB-32-AVL  | 1219500000 | 1    |
| <b>Standard housings with cover</b> |                |            |      |
|                                     | HDC-HB-32-ADVL | 1219800000 | 1    |

| Version                                 | Type                 | Cat. No.   | Qty. |
|-----------------------------------------|----------------------|------------|------|
| <b>Standard housings, metric thread</b> |                      |            |      |
| 1 x M 32 thread                         | HDC HB32 TSVU 1xM32G | 1788400000 | 1    |
| 1 x M 32 thread                         | HDC HB32 TOVU 1xM32G | 1788430000 | 1    |
| <b>Standard housings, PG thread</b>     |                      |            |      |
| 1 x Pg29 complete                       | HDC-HB-32-TSVU1/29P  | 1217500000 | 1    |
| 1 x Pg29 sleeve                         | HDC-HB-32-TSVU1/29   | 1666840000 | 1    |
| 1 x Pg29 complete                       | HDC-HB-32-TOVU1/29P  | 1217300000 | 1    |
| 1 x Pg29 sleeve                         | HDC-HB-32-TOVU1/29   | 1666870000 | 1    |

| Version                                 | Type                | Cat. No.   | Qty. |
|-----------------------------------------|---------------------|------------|------|
| <b>Standard housings, metric thread</b> |                     |            |      |
| 2 x M 32 thread                         | HDC HB32 SVU 2xM32G | 1788460000 | 1    |
| <b>Standard housings, PG thread</b>     |                     |            |      |
| 1 x Pg29 complete                       | HDC-HB-32-SVU1/29P  | 1217900000 | 1    |
| 1 x Pg29 sleeve                         | HDC-HB-32-SVU1/29   | 1666910000 | 1    |
| 2 x Pg29 complete                       | HDC-HB-32-SVU2/29P  | 1218000000 | 1    |
| 2 x Pg29 sleeve                         | HDC-HB-32-SVU2/29   | 1666920000 | 1    |

AVL = Bulkhead housing, end locking  
ADVL = Bulkhead housing with cover, end locking

TSVU = Plug hood; Side cable entry, side locking lower side  
TOVU = Plug hood; Top cable entry, side locking lower side

SVU = Base housing, side locking

For accessories see section "Accessories"

## Housings Group Size 10

## Coupling hood HB-32

### Side locking

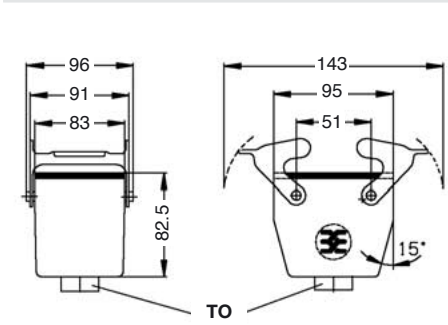


### Bulkhead housing HB-32

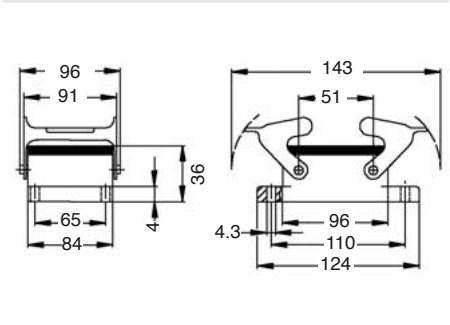
Side locking



### Dimensions



### Dimensions



| Version                             | Type                        | Cat. No.          | Qty. |
|-------------------------------------|-----------------------------|-------------------|------|
| <b>Standard housings, PG thread</b> |                             |                   |      |
| 1 x Pg29                            | complete HDC-HB-32-KVU1/29P | <b>1218100000</b> | 1    |

This image shows a blank sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

**KVU** = Coupling hood, side locking

| Version                  | Type          | Cat. No.          | Qty.     |
|--------------------------|---------------|-------------------|----------|
| <b>Standard housings</b> |               |                   |          |
|                          | HDC-HB-32-AVU | <b>1217800000</b> | <b>1</b> |

[illegible]

**AVU** = Bulkhead housing, side locking

For accessories see section "Accessories"



Housings Group Size 10

Plug hood HB-32

Side locking

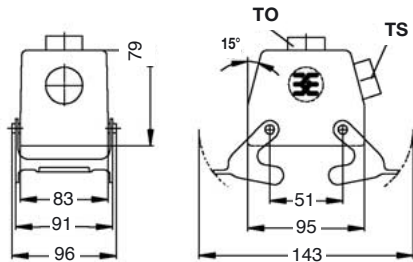


TOVO



TSVO

Dimensions



| Version                          | Type                 | Cat. No.   | Qty. |
|----------------------------------|----------------------|------------|------|
| Standard housings, metric thread |                      |            |      |
| 1 x M 32 thread                  | HDC HB32 TSVO 1xM32G | 1788410000 | 1    |
| 1 x M 32 thread                  | HDC HB32 TOVO 1xM32G | 1788440000 | 1    |
| Standard housings, PG thread     |                      |            |      |
| 1 x Pg29 complete                | HDC-HB-32-TSVO1/29P  | 1218500000 | 1    |
| 1 x Pg29 complete                | HDC-HB-32-TOVO1/29P  | 1218300000 | 1    |

TOVO = Plug hood; Top cable entry, side locking  
TSVO = Plug hood; Side cable entry side locking

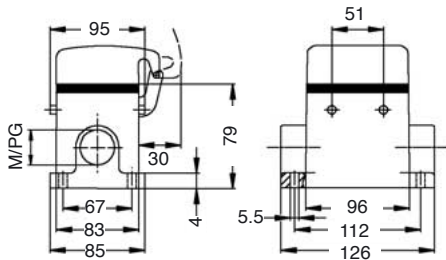
Base housing HB-32

Side locking upper side / with cover



SDVO

Dimensions



| Version                                     | Type                 | Cat. No.   | Qty. |
|---------------------------------------------|----------------------|------------|------|
| Standard housings with cover, metric thread |                      |            |      |
| 2 x M 32 thread                             | HDC HB32 SDVO 2xM32G | 1788480000 | 1    |
| Standard housings with cover, PG thread     |                      |            |      |
| 1 x Pg29 complete                           | HDC-HB-32-SDVO1/29P  | 1218900000 | 1    |
| 2 x Pg29 complete                           | HDC-HB-32-SDVO2/29P  | 1219000000 | 1    |

SDVO = Base housing with cover, side locking upper side

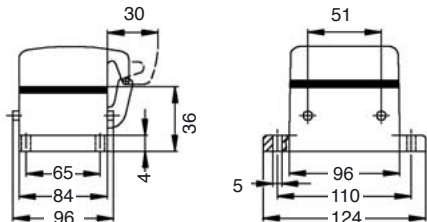
Bulkhead housing HB-32

Side locking upper side / with cover



ADVO

Dimensions



| Version                      | Type           | Cat. No.   | Qty. |
|------------------------------|----------------|------------|------|
| Standard housings with cover |                |            |      |
|                              | HDC-HB-32-ADVO | 1218800000 | 1    |

ADVO = Bulkhead housing with cover, side locking upper side

For accessories see section "Accessories"



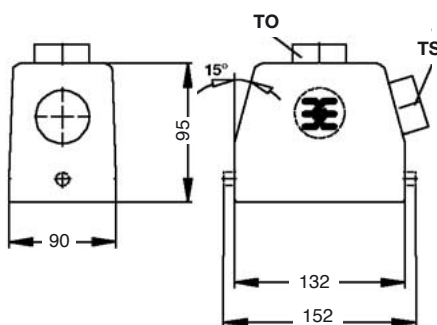
## Housings Group Size 12

### Plug hood HB-48

End locking / lower side



Dimensions



| Version                                 | Type                | Cat. No.   | Qty. |
|-----------------------------------------|---------------------|------------|------|
| <b>Standard housings, metric thread</b> |                     |            |      |
| 1 x M 32 thread                         | HDC HB48 TSVL M32G  | 1788320000 | 1    |
| 1 x M 40 thread                         | HDC HB48 TSVL M40G  | 1788310000 | 1    |
| 1 x M 50 thread                         | HDC HB48 TSVL M50G  | 1788300000 | 1    |
| 1 x M 32 thread                         | HDC HB48 TOVL M32G  | 1788350000 | 1    |
| 1 x M 40 thread                         | HDC HB48 TOVL M40G  | 1788340000 | 1    |
| 1 x M 50 thread                         | HDC HB48 TOVL M50G  | 1788330000 | 1    |
| <b>Standard housings, PG thread</b>     |                     |            |      |
| 1 x Pg29 complete                       | HDC-HB-48-TSVL1/29P | 1222600000 | 1    |
| 1 x Pg29 sleeve                         | HDC-HB-48-TSVL1/29  | 1650850000 | 1    |
| 1 x Pg36 complete                       | HDC-HB-48-TSVL1/36P | 1222700000 | 1    |
| 1 x Pg36 sleeve                         | HDC-HB-48-TSVL1/36  | 1650860000 | 1    |
| 1 x Pg42 complete                       | HDC-HB-48-TSVL1/42P | 1222800000 | 1    |
| 1 x Pg42 sleeve                         | HDC-HB-48-TSVL1/42  | 1670470000 | 1    |
| 1 x Pg29 complete                       | HDC-HB-48-TOVL1/29P | 1222300000 | 1    |
| 1 x Pg29 sleeve                         | HDC-HB-48-TOVL1/29  | 1650980000 | 1    |
| 1 x Pg36 complete                       | HDC-HB-48-TOVL1/36P | 1222400000 | 1    |
| 1 x Pg36 sleeve                         | HDC-HB-48-TOVL1/36  | 1651000000 | 1    |
| 1 x Pg42 complete                       | HDC-HB-48-TOVL1/42P | 1222500000 | 1    |

**TOVL** = Plug hood; Top cable entry, end locking lower side

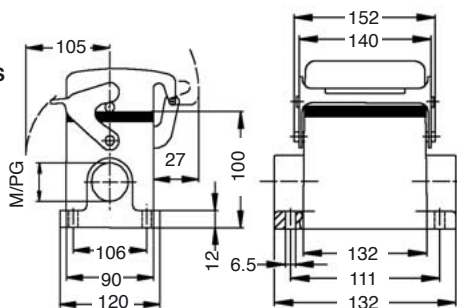
**TSVL** = Plug hood; Top cable entry, end locking lower side

### Base housing HB-48

End locking / with/without cover



Dimensions



| Version                                            | Type                 | Cat. No.   | Qty. |
|----------------------------------------------------|----------------------|------------|------|
| <b>Standard housings, metric thread</b>            |                      |            |      |
| 2 x M 32 thread                                    | HDC HB48 SVL 2xM32G  | 1788370000 | 1    |
| 2 x M 40 thread                                    | HDC HB48 SVL 2xM40G  | 1788360000 | 1    |
| <b>Standard housings with cover, metric thread</b> |                      |            |      |
| 2 x M 32 thread                                    | HDC HB48 SDVL 2xM32G | 1788390000 | 2    |
| 2 x M 40 thread                                    | HDC HB48 SDVL 2xM40G | 1788380000 | 2    |
| <b>Standard housings, PG thread</b>                |                      |            |      |
| 1 x Pg29 complete                                  | HDC-HB-48-SVL1/29P   | 1223000000 | 1    |
| 1 x Pg29 sleeve                                    | HDC-HB-48-SVL1/29    | 1651100000 | 1    |
| 1 x Pg36 complete                                  | HDC-HB-48-SVL1/36P   | 1223200000 | 1    |
| 2 x Pg29 complete                                  | HDC-HB-48-SVL2/29P   | 1223100000 | 1    |
| <b>Standard housings with cover, PG thread</b>     |                      |            |      |
| 1 x Pg29 complete                                  | HDC-HB-48-SDVL1/29P  | 1223400000 | 2    |
| 1 x Pg36 complete                                  | HDC-HB-48-SDVL1/36P  | 1223600000 | 2    |
| 2 x Pg29 complete                                  | HDC-HB-48-SDVL2/29P  | 1223500000 | 1    |
| 2 x Pg29 sleeve                                    | HDC-HB-48-SDVL2/29   | 1667560000 | 1    |
| 2 x Pg36 complete                                  | HDC-HB-48-SDVL2/36P  | 1223700000 | 1    |

**SVL** = Base housing, end locking

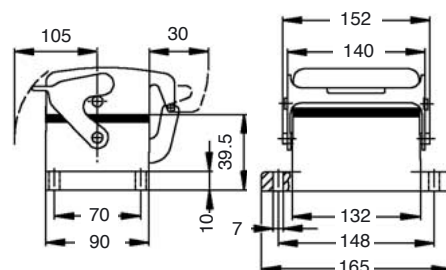
**SDVL** = Base housing with cover, end locking

### Bulkhead housing HB-48

End locking / with/without cover



Dimensions



| Version                             | Type           | Cat. No.   | Qty. |
|-------------------------------------|----------------|------------|------|
| <b>Standard housings with cover</b> |                |            |      |
|                                     | HDC-HB-48-ADVL | 1222900000 | 1    |

**ADVL** = Bulkhead housing, end locking

For accessories see section "Accessories"