



# RockStar<sup>®</sup> – Heavy-Duty Connectors

Product Catalogue

# RockStar® – Heavy-Duty Connectors

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## Allocations

Housing	Inserts				
Size 1	HA 3, HA 4	HD 7, HD 8	HQ5		
Size 2	HA 10	HD 15			
Size 3	HE 6, HEE 10, modular: ConCept for 2 modules	HD 16	HDD 24		S 4
Size 4	HE 10, HEE 18, modular: ConCept for 3 modules	HD 24	HDD42	HVE 3 + 2	
Size 5	HA 16	HD 25			
Size 6	HE 16, HEE 32, modular: ConCept for 5 modules	HD 40	HDD 72	HVE 6 + 2	HSB 6
Size 7	HA 32	HD 50			S 4/0, S 6/12
Size 8	HE 24, HEE 46, modular: ConCept for 7 modules	HD 64	HDD 108	HVE 10 + 2	S 6/6
Size 9	HA 48				
Size 10	HE 32, modular: ConCept for 10 modules	HD 80	HDD 144		HSB 12
Size 12	HE 48, modular: ConCept for 14 modules	HD 128	HDD 216		

## Applications

RockStar® heavy-duty connectors (HDC) are required in a wide range of electrical and electronic machines and systems: general mechanical engineering, materials-handling technology, plant engineering, packaging machines, lighting and stage technology, fairground rides, process engineering, transport and traffic engineering.

### IP65/NEMA 4X housing

- IP65 class of protection to EN 60529 (1991) + part A1 (2000)
- NEMA 4X class of protection
- Scratch-resistant, corrosion-resistant, long-lasting
- Locking levers made from non-rusting stainless steel

### IP69K housing – the highest level of protection

- IP69K class of protection to DIN 40050 part 9 (1993): no detrimental effects from high-pressure water jet directed against housing from any direction
- Class of protection IP68/5 bar to EN 60529 (1991) + part A1 (2000)
- Scratch-resistant, corrosion-resistant, long-lasting
- Screw locking

## Regulations

DIN EN 60664-1 or IEC 60664-1:

Insulation coordination for equipment within low-voltage systems – Part 1: Principles, requirements and tests

DIN EN 61984 or IEC 61984:

Connectors – Safety requirements and tests

DIN EN 175301-801:

Detail specification – High density rectangular connectors, round removable crimp contacts (supersedes DIN 43652)

Approvals:

UL, CSA for contact inserts; UL, GL for plug housings


We reserve the right to make changes which reflect quality improvements, further developments or manufacturing requirements.

Please note that the given technical properties can only be guaranteed when all components are supplied by Weidmüller.

# Inserts

## HE series

Series	HE - size 3	HE - size 4	HE - size 6	HE - size 8
No. of poles	6 + ⊕	10 + ⊕	16 + ⊕	24 + ⊕
Connection	tension clamp	tension clamp	tension clamp	tension clamp

Rated current	24 A	16 A	16 A	16 A
Rated voltage	500 V	500 V	500 V	500 V
Nominal voltage to UL/CSA	600 V	600 V	600 V	600 V
Clamping range	0.5 – 2.5 mm <sup>2</sup>	0.5 – 2.5 mm <sup>2</sup>	0.5 – 2.5 mm <sup>2</sup>	0.5 – 2.5 mm <sup>2</sup>
Order No., female	1745760000	1745770000	1745780000	1745790000
Order No., male	1745820000	1745830000	1745840000	1745850000


Series	HE - size 3	HE - size 4	HE - size 6	HE - size 8
No. of poles	6 + ⊕	10 + ⊕	16 + ⊕	24 + ⊕
Connection	screw	screw	screw	screw

Rated current	24 A	16 A	16 A	16 A
Rated voltage	500 V	500 V	500 V	500 V
Nominal voltage to UL/CSA	600 V	600 V	600 V	600 V
Clamping range	0.5 – 2.5 mm <sup>2</sup>	0.5 – 2.5 mm <sup>2</sup>	0.5 – 2.5 mm <sup>2</sup>	0.5 – 2.5 mm <sup>2</sup>
Order No., female	1200200000	1204100000	1207700000	1211300000
Order No., male	1200000000	1203900000	1207500000	1211100000

Series	HE - size 3	HE - size 4	HE - size 6	HE - size 8
No. of poles	6 + ⊕	10 + ⊕	16 + ⊕	24 + ⊕
Connection	Push In	Push In	Push In	Push In

Rated current	24 A	16 A	16 A	16 A
Rated voltage	500 V	500 V	500 V	500 V
Nominal voltage to UL/CSA	600 V	600 V	600 V	600 V
Clamping range	0.5 – 2.5 mm <sup>2</sup>	0.5 – 2.5 mm <sup>2</sup>	0.5 – 2.5 mm <sup>2</sup>	0.5 – 2.5 mm <sup>2</sup>
Order No., female	1873520000	1873540000	1873560000	1873580000
Order No., male	1873530000	1873550000	1873570000	1873590000

Series	HE - size 3	HE - size 4	HE - size 6	HE - size 8
No. of poles	6 + ⊕	10 + ⊕	16 + ⊕	24 + ⊕
Connection	crimp	crimp	crimp	crimp





Rated current	24 A	16 A	16 A	16 A
Rated voltage	500 V	500 V	500 V	500 V
Nominal voltage to UL/CSA	600 V	600 V	600 V	600 V
Clamping range	0.5 – 4 mm <sup>2</sup>	0.5 – 4 mm <sup>2</sup>	0.5 – 4 mm <sup>2</sup>	0.5 – 4 mm <sup>2</sup>
Order No., female	1201000000	1204400000	1208000000	1211600000
Order No., male	1200400000	1204300000	1207900000	1211500000


**HE series**

Series	HE - size 10	HE - size 12	HE - size 10	HE - size 12
No. of poles	32 + ⊕	48 + ⊕	32 + ⊕	48 + ⊕
Connection	tension clamp	tension clamp	screw	screw
				
Rated current	16 A	16 A	16 A	16 A
Rated voltage	500 V	500 V	500 V	500 V
Nominal voltage to UL/CSA	600 V	600 V	600 V	600 V
Clamping range	0.5 – 2.5 mm <sup>2</sup>	0.5 – 2.5 mm <sup>2</sup>	0.5 – 2.5 mm <sup>2</sup>	0.5 – 2.5 mm <sup>2</sup>
Order No., female	1745780000 (1-16)	1745790000 (1-24)	1207700000 (1-16)	1211300000 (1-24)
Order No., female	1745800000 (17-32)	1745810000 (25-48)	1216100000 (17-32)	1221200000 (25-48)
Order No., male	1745840000 (1-16)	1745850000 (1-24)	1207500000 (1-16)	1211100000 (1-24)
Order No., male	1745860000 (17-32)	1745870000 (25-48)	1215700000 (17-32)	1220800000 (25-48)

Series	HE - size 10	HE - size 12	HE - size 10	HE - size 12
No. of poles	32 + ⊕	48 + ⊕	32 + ⊕	48 + ⊕
Connection	Push In	Push In	crimp	crimp
				
Rated current	16 A	16 A	16 A	16 A
Rated voltage	500 V	500 V	500 V	500 V
Nominal voltage to UL/CSA	600 V	600 V	600 V	600 V
Clamping range	0.5 – 2.5 mm <sup>2</sup>	0.5 – 2.5 mm <sup>2</sup>	0.5 – 4 mm <sup>2</sup>	0.5 – 4 mm <sup>2</sup>
Order No., female	1873560000 (1-16)	1873580000 (1-24)	1208000000 (1-16)	1211600000 (1-24)
Order No., female	1875740000 (17-32)	1875850000 (25-48)	1216700000 (17-32)	1226600000 (25-48)
Order No., male	1873570000 (1-16)	1873590000 (1-24)	1207900000 (1-16)	1211500000 (1-24)
Order No., male	1875800000 (17-32)	1875890000 (25-48)	1216500000 (17-32)	1226400000 (25-48)

**CabinetMate-HE series**

Series	DSTV-HE - size 3	DSTV-HE - size 4	DSTV-HE - size 6	DSTV-HE - size 8
No. of poles	6 + ⊕	10 + ⊕	16 + ⊕	24 + ⊕
Connection	tension clamp	tension clamp	tension clamp	tension clamp
				
Rated current	16 A	16 A	16 A	16 A
Rated voltage	500 V	500 V	500 V	500 V
Nominal voltage to UL/CSA	600 V	600 V	600 V	600 V
Clamping range	0.5 – 2.5 mm <sup>2</sup>	0.5 – 2.5 mm <sup>2</sup>	0.5 – 2.5 mm <sup>2</sup>	0.5 – 2.5 mm <sup>2</sup>
Order No., female ⊕ right	1837430000	1837440000	1837450000	1837460000
Order No., female ⊕ left	1837390000	1837400000	1837410000	1837420000
Order No., male ⊕ right	1837510000	1837520000	1837530000	1837540000
Order No., male ⊕ left	1837470000	1837480000	1837490000	1837500000

Series	DSTV-HE - size 3	DSTV-HE - size 4	DSTV-HE - size 6	DSTV-HE - size 8
No. of poles	6 + ⊕	10 + ⊕	16 + ⊕	24 + ⊕
Connection	screw	screw	screw	screw
				
Rated current	16 A	16 A	16 A	16 A
Rated voltage	500 V	500 V	500 V	500 V
Nominal voltage to UL/CSA	600 V	600 V	600 V	600 V
Clamping range	0.5 – 4 mm <sup>2</sup>	0.5 – 4 mm <sup>2</sup>	0.5 – 4 mm <sup>2</sup>	0.5 – 4 mm <sup>2</sup>
Order No., female ⊕ right	1848600000	1848610000	1848620000	1848630000
Order No., female ⊕ left	1848550000	1848570000	1848580000	1848590000
Order No., male ⊕ right	1848740000	1848750000	1848760000	1848770000
Order No., male ⊕ left	1848660000	1848680000	1848700000	1848730000

## Inserts

### HA series

Series	HA - size 1	HA - size 1
No. of poles	3 + ⊕	4 + ⊕
Connection	screw	screw



Rated current	22 A	22 A
Rated voltage	250 V	250 V
Nominal voltage to UL/CSA	600 V	600 V
Clamping range	0.5 – 2.5 mm <sup>2</sup>	0.5 – 2.5 mm <sup>2</sup>
Order No., female	1498200000	1498400000
Order No., male	1498100000	1498300000

Series	HA - size 2	HA - size 5	HA - size 7	HA - size 9
No. of poles	10 + ⊕	16 + ⊕	32 + ⊕	48 + ⊕
Connection	tension clamp	tension clamp	tension clamp	tension clamp



Rated current	22 A	22 A	16 A	16 A
Rated voltage	250 V	250 V	250 V	250 V
Nominal voltage to UL/CSA	600 V	600 V	600 V	600 V
Clamping range	0.5 – 2.5 mm <sup>2</sup>	0.5 – 2.5 mm <sup>2</sup>	0.5 – 2.5 mm <sup>2</sup>	0.5 – 2.5 mm <sup>2</sup>
Order No., female	1896780000	1896800000	1896800000	1896800000
Order No., female (17-32)			1896810000	1896810000
Order No., female (33-48)				1896820000
Order No., male	1896790000	1896830000	1896830000	1896830000
Order No., male (17-32)			1896840000	1896840000
Order No., male (33-48)				1896850000

Series	HA - size 2	HA - size 5	HA - size 7	HA - size 9
No. of poles	10 + ⊕	16 + ⊕	32 + ⊕	48 + ⊕
Connection	screw	screw	screw	screw



Rated current	22 A	22 A	16 A	16 A
Rated voltage	250 V	250 V	250 V	250 V
Nominal voltage to UL/CSA	600 V	600 V	600 V	600 V
Clamping range	0.5 – 2.5 mm <sup>2</sup>	0.5 – 2.5 mm <sup>2</sup>	0.5 – 2.5 mm <sup>2</sup>	0.5 – 2.5 mm <sup>2</sup>
Order No., female	1650620000	1650780000	1650780000	1650780000
Order No., female (17-32)			1650900000	1650900000
Order No., female (33-48)				1651020000
Order No., male	1650610000	1650770000	1650770000	1650770000
Order No., male (17-32)			1650880000	1650880000
Order No., male (33-48)				1650900000

Series	HA - size 2	HA - size 5	HA - size 7	HA - size 9
No. of poles	10 + ⊕	16 + ⊕	32 + ⊕	48 + ⊕
Connection	crimp	crimp	crimp	crimp



Rated current	22 A	22 A	16 A	16 A
Rated voltage	250 V	250 V	250 V	250 V
Nominal voltage to UL/CSA	600 V	600 V	600 V	600 V
Clamping range	0.5 – 2.5 mm <sup>2</sup>	0.5 – 2.5 mm <sup>2</sup>	0.5 – 2.5 mm <sup>2</sup>	0.5 – 2.5 mm <sup>2</sup>
Order No., female	1873860000	1873880000	1873880000	1873880000
Order No., female (17-32)			1876040000	1876040000
Order No., female (33-48)				1875540000
Order No., male	1873870000	1873890000	1873890000	1873890000
Order No., male (17-32)			1875620000	1875620000
Order No., male (33-48)				1875630000

**HD series**

Series	HD - size 1*	HD - size 1*	HD - size 2	HD - size 3
No. of poles	7 + ⊕	8	15 + ⊕	16 + ⊕
Connection	crimp	crimp	crimp	crimp


  

Rated current	10 A	10 A	10 A	10 A
Rated voltage	250 V	250 V	250 V	250 V
Nominal voltage to UL/CSA	600 V	600 V	600 V	600 V
Clamping range	0.14 – 2.5 mm <sup>2</sup>	0.14 – 2.5 mm <sup>2</sup>	0.14 – 2.5 mm <sup>2</sup>	0.14 – 2.5 mm <sup>2</sup>
Order No., female	1650580000	1650600000	1650660000	1650720000
Order No., male	1650570000	1650590000	1650650000	1650710000

\*Voltage must be limited to 42 V when using metal housings.


Series	HD - size 4	HD - size 5	HD - size 6	HD - size 7
No. of poles	24 + ⊕	25 + ⊕	40 + ⊕	50 + ⊕
Connection	crimp	crimp	crimp	crimp

Rated current	10 A	10 A	10 A	10 A
Rated voltage	250 V	250 V	250 V	250 V
Nominal voltage to UL/CSA	600 V	600 V	600 V	600 V
Clamping range	0.14 – 2.5 mm <sup>2</sup>	0.14 – 2.5 mm <sup>2</sup>	0.14 – 2.5 mm <sup>2</sup>	0.14 – 2.5 mm <sup>2</sup>
Order No., female	1650890000	1650820000	1601730000	1650820000*
Order No., male	1650870000	1650810000	1601710000	1650810000*

\*Please use this insert in pairs.

Series	HD - size 8	HD - size 10	HD - size 12
No. of poles	64 + ⊕	80 + ⊕	128 + ⊕
Connection	crimp	crimp	crimp

Rated current	10 A	10 A	10 A
Rated voltage	250 V	250 V	250 V
Nominal voltage to UL/CSA	600 V	600 V	600 V
Clamping range	0.14 – 2.5 mm <sup>2</sup>	0.14 – 2.5 mm <sup>2</sup>	0.14 – 2.5 mm <sup>2</sup>
Order No., female	1601740000	1601730000*	1601740000*
Order No., male	1601720000	1601710000*	1601720000*

\*Please use this insert in pairs.

**CabinetMate-HD series**

Series	DSTV-HD - size 3	DSTV-HD - size 4	DSTV-HD - size 6	DSTV-HD - size 8
No. of poles	16 + ⊕	24 + ⊕	40 + ⊕	64 + ⊕
Connection	screw	screw	screw	screw

Rated current	10 A	10 A	10 A	10 A
Rated voltage	250 V	250 V	250 V	250 V
Nominal voltage to UL/CSA	600 V	600 V	600 V	600 V
Clamping range	0.5 – 1.5 mm <sup>2</sup>	0.5 – 1.5 mm <sup>2</sup>	0.5 – 1.5 mm <sup>2</sup>	0.5 – 1.5 mm <sup>2</sup>
Order No., female ⊕ right, gold	1566330000		1566350000	1566360000
Order No., female ⊕ right, tin	1566650000	1566660000	1566670000	1566680000
Order No., female ⊕ left, gold		1566420000	1566430000	1566440000
Order No., female ⊕ left, tin	1566730000	1566740000	1566750000	1566760000
Order No., male ⊕ right, gold	1566370000		1566390000	1566400000
Order No., male ⊕ right, tin		1566700000	1566710000	1566720000
Order No., male ⊕ left, gold	1566450000		1566470000	1566480000
Order No., male ⊕ left, tin			1566790000	1566800000

## Inserts

### HDD series

Series	HDD - size 3	HDD - size 4	HDD - size 6
No. of poles	24 + ⊕	42 + ⊕	72 + ⊕
Connection	crimp	crimp	crimp



Rated current	10 A	10 A	10 A
Rated voltage	250 V	250 V	250 V
Nominal voltage to UL/CSA	600 V	600 V	600 V
Clamping range	0.14 – 2.5 mm <sup>2</sup>	0.14 – 2.5 mm <sup>2</sup>	0.14 – 2.5 mm <sup>2</sup>
Order No., female	1651160000	1651180000	1651200000
Order No., male	1651150000	1651170000	1651190000

Series	HDD - size 8	HDD - size 10	HDD - size 12
No. of poles	108 + ⊕	144 + ⊕	216 + ⊕
Connection	crimp	crimp	crimp



Rated current	10 A	10 A	10 A
Rated voltage	250 V	250 V	250 V
Nominal voltage to UL/CSA	600 V	600 V	600 V
Clamping range	0.14 – 2.5 mm <sup>2</sup>	0.14 – 2.5 mm <sup>2</sup>	0.14 – 2.5 mm <sup>2</sup>
Order No., female	1651220000	1651200000 (1-72)	1651220000 (1-108)
Order No., female		1651260000 (73-144)	1651300000 (109-216)
Order No., male	1651210000	1651190000 (1-72)	1651210000 (1-108)
Order No., male		1651240000 (73-144)	1651280000 (109-216)

### HVE series

Series	HVE - size 4	HVE - size 6	HVE - size 8
No. of poles	3 + 2 + ⊕	6 + 2 + ⊕	10 + 2 + ⊕
Connection	tension clamp	tension clamp	tension clamp



Rated current	16 A	16 A	16 A
Rated voltage	830 V	830 V	830 V
Nominal voltage to UL/CSA	600 V	600 V	600 V
Clamping range	0.5 – 2.5 mm <sup>2</sup>	0.5 – 2.5 mm <sup>2</sup>	0.5 – 2.5 mm <sup>2</sup>
Order No., female	1896920000	1896940000	1896960000
Order No., male	1896930000	1896950000	1896970000

Series	HVE - size 4	HVE - size 6	HVE - size 8
No. of poles	3 + 2 + ⊕	6 + 2 + ⊕	10 + 2 + ⊕
Connection	screw	screw	screw



Rated current	16 A	16 A	16 A
Rated voltage	830 V	830 V	830 V
Nominal voltage to UL/CSA	600 V	600 V	600 V
Clamping range	0.5 – 2.5 mm <sup>2</sup>	0.5 – 2.5 mm <sup>2</sup>	0.5 – 2.5 mm <sup>2</sup>
Order No., female	1651320000	1651340000	1651360000
Order No., male	1651310000	1651330000	1651350000

**MixMate series**

Series	S 4 - size 3	S 4/0 - size 6	S 6/12 - size 6	S 6/6 - size 8
No. of poles	4 + ⊕	4 + 0 + ⊕	6 + 12 + ⊕	6 + 6 + ⊕
Connection	axial screw	axial screw	screw/axial screw	screw/axial screw

Rated current	65 A	80 A	48 A/16 A	100 A/16 A
Rated voltage	1000 V	830 V	1000 V/400 V	630 V/400 V
Nominal voltage to UL/CSA	600 V	600 V	600 V	600 V
Clamping range	2.5 – 10 mm <sup>2</sup>	1.5 – 16 mm <sup>2</sup>	2.5 – 10 mm <sup>2</sup> /0.5 – 2.5 mm <sup>2</sup>	16 – 35 mm <sup>2</sup> /0.5 – 2.5 mm <sup>2</sup>
Order No., female	1789980000	1789970000	1790010000	1790020000
Order No., male	1789990000	1789960000	1790000000	1790030000

**HEE series**

Series	HEE - size 3	HEE - size 4	HEE - size 6	HEE - size 8
No. of poles	10 + ⊕	18 + ⊕	32 + ⊕	46 + ⊕
Connection	crimp	crimp	crimp	crimp


  

Rated current	16 A	16 A	16 A	16 A
Rated voltage	500 V	500 V	500 V	500 V
Nominal voltage to UL/CSA	600 V	600 V	600 V	600 V
Clamping range	0.5 – 4 mm <sup>2</sup>	0.5 – 4 mm <sup>2</sup>	0.5 – 4 mm <sup>2</sup>	0.5 – 4 mm <sup>2</sup>
Order No., female	1826840000	1826820000	1826800000	1826780000
Order No., male	1826830000	1826810000	1826790000	1826770000

**HQ series**


Series	HQ - size 1	HQ
No. of poles	5 + ⊕	8 + ⊕
Connection	crimp	crimp

Rated current	16 A	16 A
Rated voltage	400 V / 250 V Pol-PE	500 V
Nominal voltage to UL/CSA	600 V	600 V
Clamping range	0.5 – 4 mm <sup>2</sup>	0.5 – 4 mm <sup>2</sup>
Order No., female	1912460000	1919980000
Order No., male	1912440000	1919970000

**HSB series**

Series	HSB - size 6	HSB - size 10
No. of poles	6 + ⊕	12 + ⊕
Connection	screw	screw





  

  

Rated current	35 A	35 A
Rated voltage	400 V	400 V
Nominal voltage to UL/CSA	600 V	600 V
Clamping range	0.5 – 6 mm <sup>2</sup> *	0.5 – 6 mm <sup>2</sup> *
Order No., female	1498900000	1498900000
Order No., female (7 – 12)		1499000000
Order No., male	1498700000	1498700000
Order No., male (7 – 12)		1498800000



\*max. with wire end ferrule 4 mm<sup>2</sup>






ConCept modules

Series	CM high-voltage	CM-3 HV	CM-3	CM-HE
No. of poles	2	3	3	4
Connection	screw	crimp	crimp	crimp
				
Rated current	82 A	57 A	40 A	25 A
Rated voltage	1000 V	1000 V	630 V	630 V
Nominal voltage to UL/CSA	600 V	600 V	600 V	600 V
Clamping range	4 – 16 mm <sup>2</sup>	1.5 – 10 mm <sup>2</sup>	1.5 – 10 mm <sup>2</sup>	0.5 – 4 mm <sup>2</sup>
Order No., female	1828410000*	1862060000	1758370000	1861900000
Order No., female, with release lever	1828400000	1862070000	1879040000	1758350000
Order No., male	1828390000*	1862080000	1758360000	1861920000
Order No., male, with release lever	1828380000	1862000000	1879030000	1758340000

\*with separate PE connection

Series	CM-4	CM-5	CM-10	CM-20
No. of poles	4	5	10	20
Connection	tension clamp	crimp	crimp	crimp
				
Rated current	14 A	20 A	10 A	4 A
Rated voltage	400 V	250 V	250 V	100 V
Nominal voltage to UL/CSA	600 V	600 V	600 V	600 V
Clamping range	0.5 – 2.5 mm <sup>2</sup>	0.75 – 4 mm <sup>2</sup>	0.14 – 2.5 mm <sup>2</sup>	0.08 – 0.52 mm <sup>2</sup>
Order No., female	1730130000	1758390000	1758410000	
Order No., female, with release lever		1879010000	1862030000	1758430000
Order No., male	1730120000	1758380000	1758400000	
Order No., male, with release lever		1879020000	1862050000	1758420000

Series	CM pneumatic	CM pneumatic	CM pneumatic	CM pneumatic
Inputs/outputs	1	1	2	2
				
Operating pressure	10 bar	10 bar	10 bar	10 bar
Hose diameter (outside)	8 mm	8 mm	8 mm	8 mm
Hose diameter (inside)	2.5 mm	4 mm	2.5 mm	4 mm
Order No., female	1894780000	1894720000	1894750000	1894760000
Order No., male	1894730000	1894740000	1894770000	1894710000

Series	CM BUS 4	CM BUS 2 PDP
No. of poles	4 + ⊕	2 + ⊕
Connection	screw	screw
		
Rated current	1 A	1 A
Rated voltage	30 V	30 V
Transmission rate	max. 1.5 Mbps	max. 1.5 Mbps
Clamping rang	0.08 – 1.5 mm <sup>2</sup>	to Profibus DP standard
Order No., female	1814300000	1806030000
Order No., male	1814310000	1806060000

### ConCept System Bus

Series	CSB	CSB
No. of poles	1 + 4 + ⊕	4 + 4 + ⊕
Connection	crimp	crimp



The product illustrated comprises the order Nos. given below.

Rated current	20 A/10 A	20 A/10 A
Rated voltage	400 V/50 V	400 V/50 V
No. of contacts	1 + Shield	4 + Shield
Clamping range	0.75 – 4 mm <sup>2</sup> /0.14 – 2.5 mm <sup>2</sup>	0.75 – 4 mm <sup>2</sup> /0.14 – 2.5 mm <sup>2</sup>
Order No., female	1908540000	1908500000
Order No., male	1908520000	1908480000
Plastic body, order No., female	1908490000	1908490000
Plastic body, order No., male	1908530000	1908530000
Earthing connection, order No.	1908510000	1908510000

### ConCept frames

Series	CF 6	CF 10
Size	3	4
No. of modules	2	3



Order No., female	1758450000	1758470000
Order No., male	1758440000	1758460000

Series	CF 16	CF 24
Size	6	8
No. of modules	5	7



Order No., female	1758490000	1758510000
Order No., male	1758480000	1758500000

Series	2 x CF 16	2 x CF 24
Size	10	12
No. of modules	10	14



Order No., female	1758490000 (1-16)	1758510000 (1-24)
Order No., female	1758520000 (17-32)	1758550000 (25-48)
Order No., male	1758480000 (1-16)	1758500000 (1-24)
Order No., male	1758530000 (17-32)	1758540000 (25-48)

### ModuFlex C

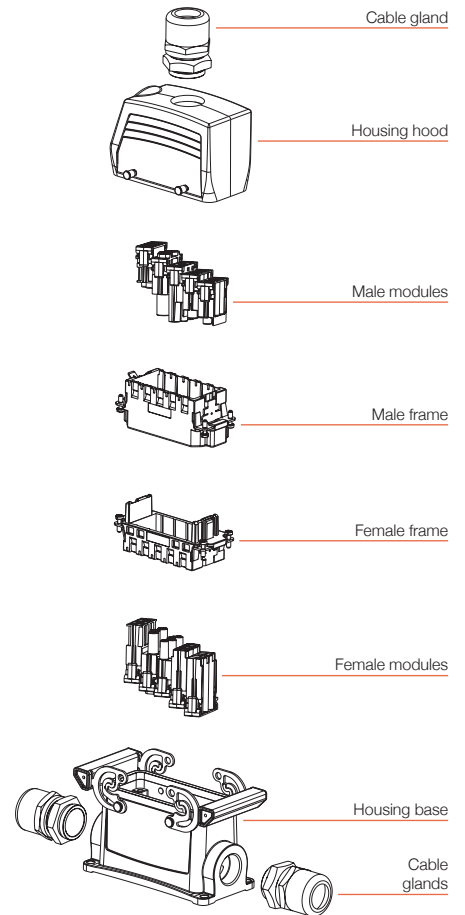
Series	C-CR	C-MW	MOFU	C-MH/ZE*
	Coupling frame	Mounting bracket	Mounting foot	Module release tool and strain relief



Order No.	1746060000	1746070000	0495660000	1752970000
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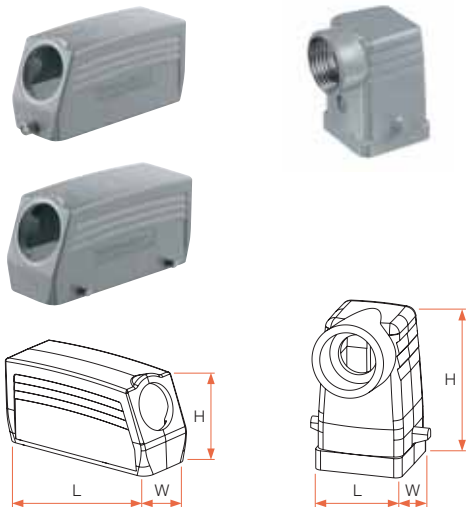
\*not suitable for CM-3HV modules

### Assembly principle

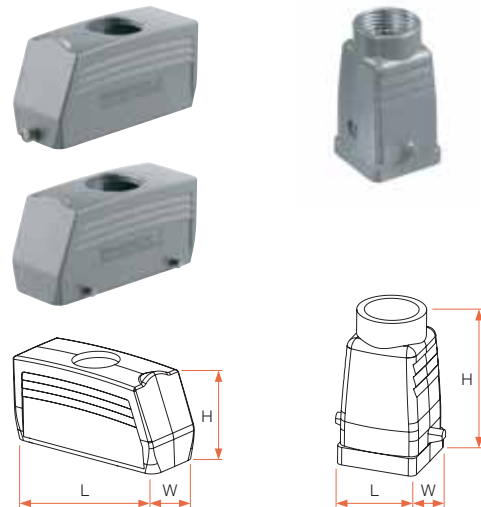


Housing hoods – metric

Side cable entry



Top cable entry



Standard housing

Size	L	W	H	M	Order No. (1 lock)	Order No. (2 locks)
1	26.7	26.7	49.2	20	1788510000 <sup>1</sup>	
	26.7	26.7	49.2	20	1788810000	
2	63	29.5	68	20	1788860000	
	60	43	52	20	1805930000	
3	60	43	52	25	1788090000	
	73	43	52	20		1787560000
4	73	43	52	25	1787580000	1787550000
	79	29.5	58	25	1788740000	
5	93.3	43	61	25	1788200000	1788180000
	93.3	43	61	32	1804640000	
6	93.3	43	61	40		1900500000
	82	56	75	25		1787960000
7	82	56	75	32		1787950000
	120	43	61	25	1787800000	1787760000
8	120	43	61	32	1787790000	1787750000
	94	83	79	32	1788550000	
9	94	83	79	32	1788420000	1788400000
	132	90	94	32	1788320000	
10	132	90	94	40	1788310000	
	132	90	94	50	1788300000	

High housing

Size	L	W	H	M	Order No. (1 lock)	Order No. (2 locks)
2	63	29.5	67.5	20	1788860000	
	63	29.5	67.5	25	1788850000	
3	60	43	72	25	1787480000	
	60	43	72	32	1787470000	
4	60	43	72	40	1857640000	
	73	43	72	25	1787280000	1787240000
5	73	43	72	32	1787270000	1787230000
	79	29.5	72.3	20	1788680000	
6	79	29.5	72.3	25	1788690000	
	93.3	43	76	25	1787050000	1787010000
8	93.3	43	76	32	1787040000	1787000000
	93.3	43	76	40	1804650000	
8	120	43	76	25		1786780000
	120	43	76	32	1786810000	1786770000
8	120	43	76	40	1804610000	1809630000

<sup>1</sup> plastic

Standard housing

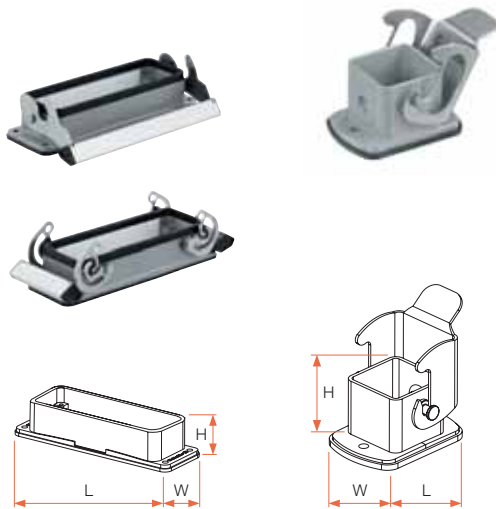
Size	L	W	H	M	Order No. (1 lock)	Order No. (2 locks)
1	26.7	26.7	50	20	1788520000 <sup>1</sup>	
	26.7	26.7	50	20	1788820000	
2	63	29.5	54	20	1788620000	
	63	29.5	54	25	1788610000	
3	60	43	52	20	1788120000	
	60	43	52	25	1788110000	
4	73	43	52	20		1787600000
	73	43	52	25	1787620000	
5	79	29.5	58	25	1788750000	
	93.3	43	61	25	1788230000	1788210000
6	93.3	43	61	32	1804630000	
	82	56	75	32		1787990000
7	82	56	75	25	1787860000	1787820000
	120	43	61	25	1787850000	1787810000
8	120	43	61	32	1787850000	1787810000
	95	83	79	32	1788560000	
9	95	83	79	32	1788450000	1788430000
	132	90	94	32	1788350000	
10	132	90	94	40	1788340000	
	132	90	94	50	1788330000	

High housing

Size	L	W	H	M	Order No. (1 lock)	Order No. (2 locks)
3	60	43	72	25	1787500000	
	60	43	72	32	1787490000	
4	73	43	72	25	1787340000	1787300000
	73	43	72	32	1787330000	1787290000
5	79	29.5	72	20	1788710000	
	79	29.5	72	25	1788700000	
6	93.3	43	76	25		1787070000
	93.3	43	76	32	1787100000	1787060000
8	120	43	76	25	1786870000	
	120	43	76	32	1786860000	1786830000

Housing base parts – metric

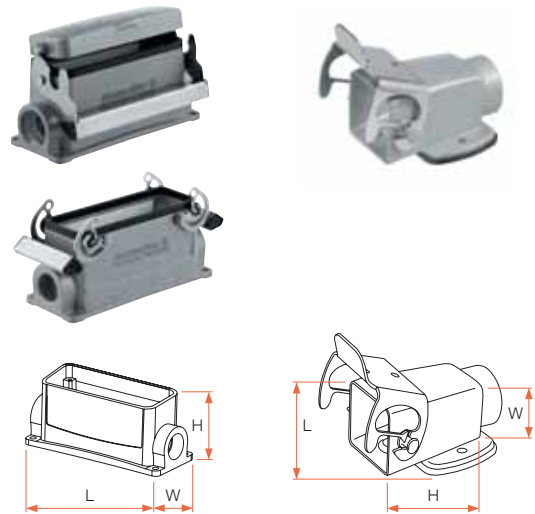
Bulkhead housing



Standard housing

Size	L	W	H	Order No. (1 lock)	Order No. (2 locks)
1	28	30	23	1652410000 <sup>1</sup>	
	28	30	24	1497600000	
2	84	32	26	1664040000	
	84	32	26	1664060000	
3	82	47	29	1202100000	
	82	47	29	1202500000 <sup>2</sup>	
4	95	47	29	1206100000	1205000000
	95	47	29	1206500000 <sup>2</sup>	
5	98	33	26	1664920000	
	98	33	26	1664940000 <sup>2</sup>	
6	115	47	29	1209700000	
	115	47	29	1210100000 <sup>2</sup>	1208600000
7	102	56	25		1665860000
	143	47	29	1213900000	1212400000
8	143	47	29	1214300000 <sup>2</sup>	
	127	89	38	1666740000	
9	127	89	38	1666750000 <sup>2</sup>	
	127	89	38	1219500000	1217800000
10	127	89	38	1219800000 <sup>2</sup>	
	168	97	41.5	1222900000 <sup>2</sup>	

Base housing (2 cable entries except size 1)



Standard housing

Size	L	W	H	M	Order No. (1 lock)	Order No. (2 locks)
1	40	28	40.5	20	1788530000 <sup>1</sup>	
	40	28	40.5	20	1788830000	
2	80	50	57	20	1788640000	
	80	50	57	20	1788660000 <sup>2</sup>	
	80	50	57	25	1788630000	
	82	50	57	25	1788650000 <sup>2</sup>	
3	82	54.5	54	20	1788140000	
	82	54.5	54	20	1788170000 <sup>2</sup>	
	82	54.5	54	25	1788130000	
	82	54.5	54	25	1788160000 <sup>2</sup>	
4	92.5	53.5	57	20	1901620000	
	92.5	53.5	57	20	1901570000 <sup>2</sup>	1787640000
	92.5	53.5	57	25	1901640000	1787630000
	96	50	57	20	1788770000	
5	96	50	57	20	1788790000 <sup>2</sup>	
	96	50	57	25	1788760000	
	96	50	57	25	1788780000 <sup>2</sup>	
6	117	56.5	64	25	1788250000	
	117	56.5	64	25	1788270000 <sup>2</sup>	1788240000
7	106	64.5	75	25		1788040000
8	144	57.5	64	25	1787880000	
	144	57.5	64	25	1787900000 <sup>2</sup>	1787870000
9	126	92.5	79	32	1788570000	
10	126	92.5	79	32	1788470000	
	126	92.5	79	32	1788490000 <sup>2</sup>	1788460000
12	138	120	100	32	1788370000	
	138	120	100	32	1788390000 <sup>2</sup>	
	138	120	100	40	1788360000	
	138	120	100	40	1788360000	

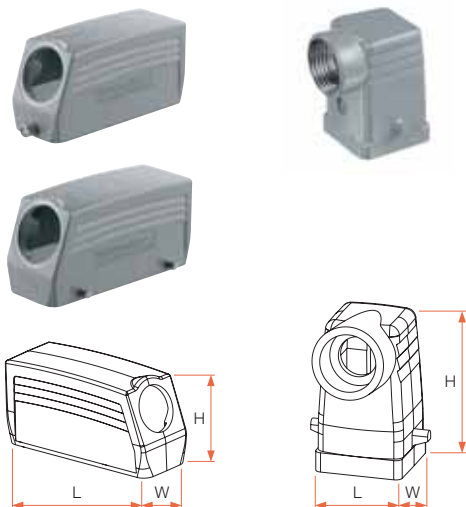
High housing

Size	L	W	H	M	Order No. (1 lock)	Order No. (2 locks)
3	82	55.5	74	25	1787520000	
	82	55.5	74	25	1787540000 <sup>2</sup>	
	82	55.5	74	32	1787510000	
4	92.5	55.5	74	25	1787420000 <sup>2</sup>	1787350000
	92.5	55.5	74	32	1787370000	
	92.5	55.5	74	32	1787410000 <sup>2</sup>	1787360000
6	117	56.5	84	25	1787140000	
	117	56.5	84	25	1787180000 <sup>2</sup>	1787120000
	117	56.5	84	32	1804660000	
	117	56.5	84	32	1787170000 <sup>2</sup>	1787110000
8	144	57.5	84	25	1786910000	
	144	57.5	84	25	1786950000 <sup>2</sup>	1786890000
	144	57.5	84	32	1786900000	
	144	57.5	84	32	1786940000 <sup>2</sup>	1786880000

<sup>1</sup> plastic <sup>2</sup> with cover

Housing hoods – PG thread

Side cable entry

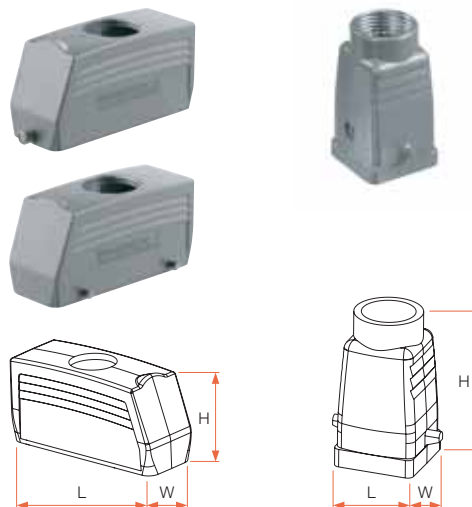


Standard housing						
Size	L	W	H	PG	Order No. (1 lock)	Order No. (2 locks)
1	26.7	26.7	49,2	11	1652400000 <sup>1</sup>	
	26.7	26.7	49,2	11	1652480000	
2	63	29.5	54	16	1663810000	
	60	43	52	13,5	1670530000	
3	60	43	52	16	1652520000	
	73	43	52	16	1655210000	1654070000
4	73	43	52	21		1654090000
	79	29.5	58	16	1664690000	
6	93.3	43	61	21	1657850000	1656480000
	82	56	75	21		1665670000
7	82	56	75	29		1665690000
	120	43	61	21	1662390000	1661230000
8	120	43	61	29	1662410000	1661240000
	94	83	79	29	1666710000	
10	94	83	79	29	1667120000	1666840000
	132	90	94	29	1650850000	
12	132	90	94	36	1650860000	
	132	90	94	42	1670470000	

High housing						
Size	L	W	H	PG	Order No. (1 lock)	Order No. (2 locks)
2	63	29.5	68	16	1663850000	
	63	29.5	68	21	1663870000	
3	60	43	72	21	1652560000	
	60	43	72	29	1652580000	
4	73	43	72	21	1655250000	1654150000
	73	43	72	29	1655270000	1654170000
5	79	29.5	72	16	1664730000	
	79	29.5	72	21	1664750000	
6	93.3	43	76	21	1657890000	1656520000
	93.3	43	76	29	1657910000	1656540000
8	120	43	76	21	1662470000	1661300000
	120	43	76	29	1662490000	1661320000

<sup>1</sup> plastic

Top cable entry

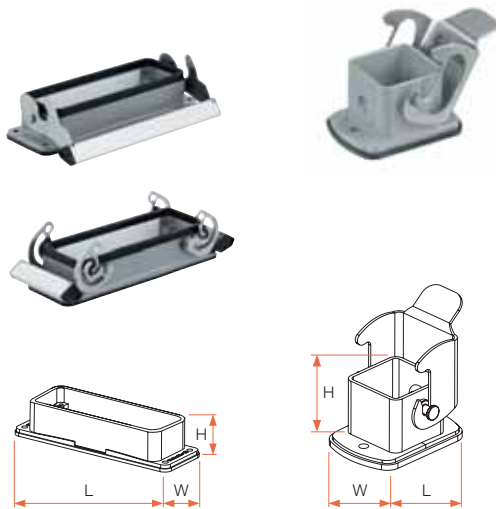


Standard housing						
Size	L	W	H	PG	Order No. (1 lock)	Order No. (2 locks)
1	26.7	26.7	50	11	1652380000 <sup>1</sup>	
	26.7	26.7	50	11	1652470000	
2	63	29.5	54	16	1663930000	
	60	43	52	13.5	1670500000	
3	60	43	52	16	1652640000	
	73	43	52	16	1655320000	1654220000
4	73	43	52	21		1816420000
	79	29.5	58	16	1664810000	
6	93.3	43	61	21	1657960000	1656590000
	82	56	77	21		1665790000
7	82	56	77	29		1665810000
	120	43	61	21	1662540000	1661370000
8	120	43	61	29	1662550000	1661380000
	94	83	79	29	1666730000	
10	94	83	79	29		1666870000
	132	90	94	29	1650980000	
12	132	90	94	36	1651000000	

High housing						
Size	L	W	H	PG	Order No. (1 lock)	Order No. (2 locks)
2	63	29.5	68	21	1663990000	
	60	43	72	21	1652680000	
3	60	43	72	29	1652700000	
	73	43	72	21	1655360000	
4	73	43	72	29	1655380000	1654320000
	79	29.5	72	21	1664870000	
6	93.3	43	76	21		1656630000
	93.3	43	76	29	1658020000	1656650000
8	120	43	76	21	1662610000	1661440000
	120	43	76	29	1662630000	1661460000

Housing base parts – PG

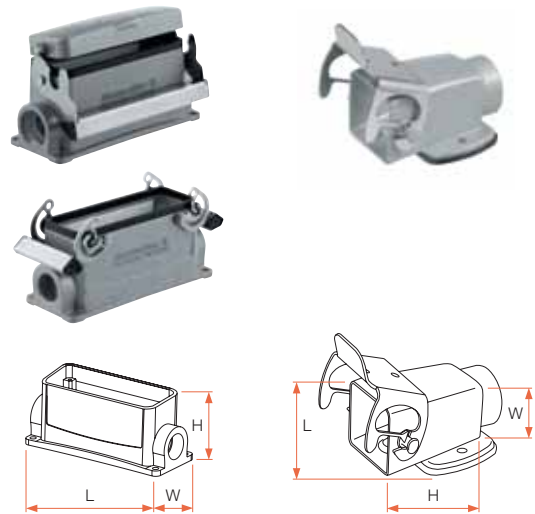
Bulkhead housing



Standard housing					
Size	L	W	H	Order No. (1 lock)	Order No. (2 locks)
1	28	30	23	1652410000 <sup>1</sup>	
	28	30	24	1497600000	
2	84	32	26	1664040000	
	84	32	26	1664060000 <sup>2</sup>	
3	82	47	29	1202100000	
	82	47	29	1202500000 <sup>2</sup>	
4	95	47	29	1206100000	
	95	47	29	1206500000 <sup>2</sup>	1205000000
5	98	33	26	1664920000	
	98	33	26	1664940000 <sup>2</sup>	
6	115	47	29	1209700000	
	115	47	29	1210100000 <sup>2</sup>	1208600000
7	102	56	25		1665860000
	143	47	29	1213900000	
8	143	47	29	1214300000 <sup>2</sup>	1212400000
	127	89	38	1666740000	
9	127	89	38	1666750000 <sup>2</sup>	
	127	89	38	1219500000	1217800000
10	127	89	38	1219800000 <sup>2</sup>	
	127	89	38	1219800000 <sup>2</sup>	
12	168	97	41.5	1222900000 <sup>2</sup>	

<sup>1</sup> plastic <sup>2</sup> with cover <sup>3</sup> 1 cable entry only, PG 29

Base housing (2 cable entries except size 1)



Standard housing						
Size	L	W	H	PG	Order No. (1 lock)	Order No. (2 locks)
1	40	28	40.5	11	1652440000 <sup>1</sup>	
	40	28	40.5	11	1652490000	
2	80	50	57	16	1664190000	
	80	50	57	16	1664420000 <sup>2</sup>	
3	82	54.5	54	16	1652760000	
	82	54.5	54	16	1652990000 <sup>2</sup>	
4	92.5	53.5	57	16	1655470000	
	92.5	53.5	57	16	1655680000 <sup>2</sup>	1654380000
5	96	50	57	16	1665070000	
	96	50	57	16	1665300000 <sup>2</sup>	
6	117	56.5	64	21	1658120000	
	117	56.5	64	21	1658330000 <sup>2</sup>	1656730000
7	106	64.5	75	21		1665980000
	144	57.5	64	21	1662720000	
8	144	57.5	64	21	1214500000 <sup>2</sup>	1661520000
	126	92.5	79	29	1666770000 <sup>3</sup>	
9	126	92.5	79	29		1666920000
	126	92.5	79	36		1902640000
10	126	92.5	79	36		
12	138	120	100	29	1667560000 <sup>2</sup>	

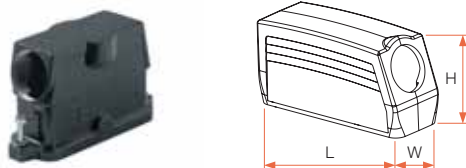
High housing						
Size	L	W	H	PG	Order No. (1 lock)	Order No. (2 locks)
3	82	55.5	74	21	1652840000	
4	92.5	55.5	74	21		1654450000
	117	56.5	84	21		1656810000
6	117	56.5	84	29		1656840000
	144	57.5	84	21		1661590000
8	144	57.5	84	29	1663040000 <sup>2</sup>	1661630000

Conversion table

PG	Clamping range	M	Clamping range	PG	Clamping range	M	Clamping range	PG	Clamping range	M	Clamping range
29	24-28	40	22-32	21	11.5-15.5	32	13-20	13.5	9-13	32	13-20
		40	20-26			25	13-18			25	13-18
		32	18-25			25	9-16			25	9-16
29	20-25	40	22-32	16	11.5-15.5	20	10-14	11	7-10.5	20	10-14
		40	20-26			20	6-12			20	6-12
		32	18-25			20	5-9			20	5-9
29	17-20.5	40	20-26	16	9-13	32	13-20	11	5-8	25	9-16
		32	18-25			25	13-18			20	10-14
		32	13-20			20	10-14			20	6-12
		25	13-18			20	6-12			20	5-9
21	14-18	32	18-25	16	9-13	32	13-20	11	5-8	20	6-12
		32	13-20			25	13-18			20	5-9
		25	13-18			25	9-16				
		25	9-16			20	10-14				
		20	10-14			20	6-12				
		20	6-12			20	5-9				

### Housing hoods

#### Side cable entry



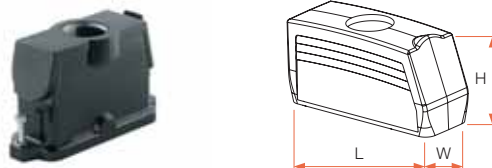
#### shockproof

Size	L	W	H	M	Order No.
3	96	54	70	25	1827390000
4	110	54	70	32	1827350000
6	130	54	80	32	1827290000
8	156	54	90	40	1827240000
8XXL	184	57	120	50	1827190000
12XXL	182	92	135	40	1827140000

#### EMC

Size	L	W	H	M	Order No.
3	96	54	70	25	1827370000
4	110	54	70	32	1827330000
6	130	54	80	32	1827260000
8	156	54	90	40	1827220000
8XXL	184	57	120	50	1827160000
12XXL	182	92	135	40	1827120000

#### Top cable entry



#### shockproof

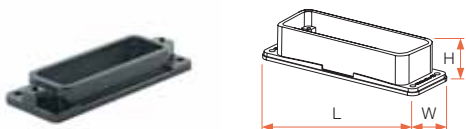
Size	L	W	H	M	Order No.
1	52	32	54	20	1827440000
3	96	54	70	25	1827400000
4	110	54	70	32	1827360000
6	130	54	80	32	1827310000
8	156	54	90	40	1827250000
8XXL	184	57	120	50	1827200000
12XXL	182	92	135	50	1827150000

#### EMC

Size	L	W	H	M	Order No.
1	51	31.2	56	20	1827420000
3	96	54	70	25	1827380000
4	110	54	70	32	1827340000
6	130	54	80	32	1827280000
8	156	54	90	40	1827210000
8XXL	184	57	120	50	1827170000
12XXL	182	92	135	50	1827130000

### Housing base parts

#### Bulkhead housing



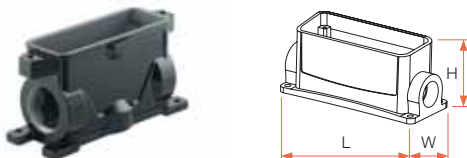
#### shockproof

Size	L	W	H	Order No.
1	51	32	22	1827580000 (M4)
	96	56	22	1827560000 (M4)
3	96	60	22	1828590000 (M6)
	96	60	22	1828550000 (M6D)
4	109	56	22	1827540000 (M4)
	109	60	22	1828580000 (M6)
	109	60	22	1828530000 (M6D)
6	129.5	56	22	1827520000 (M4)
	129.5	60	22	1828570000 (M6)
	129.5	60	22	1828510000 (M6D)
8	156	56	22	1827500000 (M4)
	156	60	22	1828560000 (M6)
	156	60	22	1828490000 (M6D)
8XXL	184	57	29	1827480000 (M4)
	184	57	29	1846020000 (high)
12XXL	182.5	92	109	1827460000 (M4)
	182.5	92	109	1846000000 (high)

#### EMC

Size	L	W	H	Order No.
1	50.8	31.6	26.1	1827570000 (M4)
3	96	56	22	1827550000 (M4)
	96	60	22	1828540000 (M6)
4	109	56	22	1827530000 (M4)
	109	60	22	1828520000 (M6)
6	129.5	56	22	1827510000 (M4)
	129.5	60	22	1828500000 (M6)
8	156	56	22	1827490000 (M4)
	156	60	22	1828480000 (M6)
8XXL	184	57	29	1827470000 (M4)
	184	57	29	1846010000 (high)
12XXL	182.5	92	109	1827450000 (M4)
	182.5	92	109	1845980000 (high)

#### Base housing



#### shockproof

Size	L	W	H	M	Order No.
1	51	31	48	20	1827680000
3	90	56	80	25	1827660000
4	103	56	80	32	1827640000
6	123.5	56	80	32	1827620000
8	150	56	80	40	1827600000

#### EMC

Size	L	W	H	M	Order No.
1	51	31	48	20	1827670000
3	90	56	80	25	1827650000
4	103	56	80	32	1827630000
6	123.5	56	80	32	1827610000
8	150	56	80	40	1827590000

Cable glands



Thread	Order No.	Clamping range	Order No.	Clamping range	Order No.	Clamping range	Order No.	Clamping range
M 20	1909700000	10 – 14 mm <sup>2</sup>	1778370000	10 – 12 mm <sup>2</sup>	1772300000	6 – 12 mm <sup>2</sup>	1772220000	6 – 12 mm <sup>2</sup>
M 25	1909710000	13 – 18 mm <sup>2</sup>	1778350000	15 – 17 mm <sup>2</sup>	1909870000	11 – 17 mm <sup>2</sup>	1909920000	11 – 17 mm <sup>2</sup>
M 32	1909720000	18 – 25 mm <sup>2</sup>	1778340000	24 – 26 mm <sup>2</sup>	1909880000	15 – 21 mm <sup>2</sup>	1909930000	15 – 21 mm <sup>2</sup>
M 40	1909730000	22 – 32 mm <sup>2</sup>	1778330000	28 – 30 mm <sup>2</sup>	1909890000	19 – 28 mm <sup>2</sup>	1909940000	19 – 28 mm <sup>2</sup>
M 50	1909740000	30 – 38 mm <sup>2</sup>	1778310000	39 – 41 mm <sup>2</sup>	1909900000	27 – 38 mm <sup>2</sup>	1909950000	27 – 38 mm <sup>2</sup>
PG 11	1909780000	5 – 10 mm <sup>2</sup>	0260700000	8 – 10 mm <sup>2</sup>	1568990000	5 – 10 mm <sup>2</sup>	1569080000	5 – 10 mm <sup>2</sup>
PG 13.5	1909790000	6 – 12 mm <sup>2</sup>	0260800000	10 – 12 mm <sup>2</sup>	1569000000	6 – 12 mm <sup>2</sup>	1569090000	6 – 12 mm <sup>2</sup>
PG 16	1909800000	10 – 14 mm <sup>2</sup>	0261400000	12 – 14 mm <sup>2</sup>	1569010000	10 – 14 mm <sup>2</sup>	1569100000	10 – 14 mm <sup>2</sup>
PG 21	1909810000	13 – 18 mm <sup>2</sup>	0260900000	15 – 17 mm <sup>2</sup>	1569020000	13 – 18 mm <sup>2</sup>	1569110000	13 – 18 mm <sup>2</sup>
PG 29	1909820000	18 – 25 mm <sup>2</sup>	0261000000	24 – 26 mm <sup>2</sup>	1569030000	18 – 25 mm <sup>2</sup>	1569120000	18 – 25 mm <sup>2</sup>
PG 36	1909830000	22 – 32 mm <sup>2</sup>	0497600000	33 – 35 mm <sup>2</sup>	1569040000	22 – 32 mm <sup>2</sup>	1569130000	22 – 32 mm <sup>2</sup>
PG 42	1909840000	30 – 38 mm <sup>2</sup>	0497700000	41 – 43 mm <sup>2</sup>	1569050000	30 – 38 mm <sup>2</sup>	1569140000	30 – 38 mm <sup>2</sup>



Thread	Order No.	Clamping range	Order No.	Order No.	Order No.
M 20	1921720000	7 – 13 mm <sup>2</sup>	1777940000	1776910000	1777740000
M 25	1921740000	11.5 – 15 mm <sup>2</sup>	1777950000	1776900000	1777750000
M 32	1921760000	13 – 19 mm <sup>2</sup>	1777960000	1776940000	1777760000
M 40	1921770000	21 – 27 mm <sup>2</sup>	1777970000	1776950000	1777770000
M 50			1777980000	1776960000	1777780000
PG 11	1656390000	6.5 – 12 mm <sup>2</sup>	1719460000	0294860000	0294800000
PG 13.5	1656400000	6.5 – 13 mm <sup>2</sup>	1719470000	0294960000	0294900000
PG 16	1656410000	6.5 – 16 mm <sup>2</sup>	1719480000	0295060000	0295000000
PG 21	1656420000	9 – 20 mm <sup>2</sup>	1719490000	0295160000	0295100000
PG 29	1656430000	17 – 28 mm <sup>2</sup>	1719500000	0501160000	0501100000
PG 36	1656440000	23 – 34 mm <sup>2</sup>	1719510000	0501260000	0501200000
PG 42	1656450000	29 – 40 mm <sup>2</sup>	1719520000	0501360000	0501300000

\*To be used as inserts for hoods fitted with sleeves only \*\*Can be ordered as accessory for base housing






### HA 3 kits

<b>3 poles, 250 V, 10 A, size 1</b>						
comprising:	female insert	male insert	hood	cable glands	bulkhead housing	bulkhead housing, 90°
						
<b>Metal housing</b>					<b>Kit</b>	<b>Kit</b>
					Order No.	Order No.
M20					1802470000	1802450000
PG11					1712560000	1712580000
						
<b>Plastic housing</b>					<b>Kit</b>	<b>Kit</b>
					Order No.	Order No.
M20					1802460000	
PG11					1712570000	1712630000







### HA 4 kits

<b>4 poles, 250 V, 16 A, size 1</b>						
comprising:	female insert	male insert	hood	cable glands	bulkhead housing	bulkhead housing, 90°
						
<b>Metal housing</b>					<b>Kit</b>	<b>Kit</b>
					Order No.	Order No.
M20					1802440000	1802700000
PG11					1712590000	1712610000
						
<b>Plastic housing</b>					<b>Kit</b>	<b>Kit</b>
					Order No.	Order No.
M20					1802430000	1802720000
PG11					1712600000	1712650000







### HE 6 kits

<b>6 poles, 500 V, 16 A, size 3</b>						
comprising:	female insert	male insert	bulkhead housing	cable glands	hood, top cable entry	hood, side cable entry
						
<b>Metal housing</b>					<b>Kit</b>	<b>Kit</b>
					Order No.	Order No.
M20					1802740000	1802730000
PG16					1712660000	1712460000







### HE 10 kits

10 poles, 500 V, 16 A, size 4						
comprising:						
female insert	male insert	bulkhead housing	cable glands	hood, top cable entry	hood, side cable entry	
						
Metal housing				Kit	Kit	
				Order No.	Order No.	
M25				1802410000	1802420000	
PG16				1712670000	1712510000	






### HE 16 kits

16 poles, 500 V, 16 A, size 6						
comprising:						
female insert	male insert	bulkhead housing	cable glands	hood, top cable entry	hood, side cable entry	
						
Metal housing				Kit	Kit	
				Order No.	Order No.	
M25				1802390000	1802400000	
PG21				1712680000	1712520000	







### HE 24 kits

24 poles, 500 V, 16 A, size 8						
comprising:						
female insert	male insert	bulkhead housing	cable glands	hood, top cable entry	hood, side cable entry	
						
Metal housing				Kit	Kit	
				Order No.	Order No.	
M32				1802480000	1802380000	
PG21				1712690000	1712530000	

### HE 32 kits

32 poles, 500 V, 16 A, size 10						
comprising:						
female insert	male insert	bulkhead housing	cable glands			hood, side cable entry
						
Metal housing						Kit
						Order No.
M32						1802370000
PG29						1712540000

### HE 48 kits

48 poles, 500 V, 16 A, size 12						
comprising:						
female insert	male insert	bulkhead housing	cable glands	hood, top cable entry	hood, side cable entry	
						
Metal housing				Kit	Kit	
				Order No.	Order No.	
M40				1802360000		
PG29					1712550000	

## Accessories

### Crimp contacts

#### HD/HDD/CM-10



Crimping range 0.14 – 2.5 mm<sup>2</sup>, Stripping length 8 mm

		Silver surface		Gold surface	
Conductor cross-section	AWG	Order No., female	Order No., male	Order No., female	Order No., male
0.14 – 0.37 mm <sup>2</sup>	26-22	1651570000	1651520000	1651670000	1651620000
0.5 mm <sup>2</sup>	20	1651580000	1651530000	1651680000	1651630000
0.75 – 1 mm <sup>2</sup>	18	1601760000	1601750000	1601690000	1601640000
1.5 mm <sup>2</sup>	16	1651600000	1651550000	1651700000	1651650000
2.5 mm <sup>2</sup>	14	1651610000	1651560000	1651710000	1651660000

#### HE/HEE/CM-HE



Crimping range 0.5 – 4 mm<sup>2</sup>, Stripping length 7.5 mm

		Silver surface		Gold surface	
Conductor cross-section	AWG	Order No., female	Order No., male	Order No., female	Order No., male
0.5 mm <sup>2</sup>	18	1201100000	1200500000	1651470000	1651420000
0.75 – 1 mm <sup>2</sup>	16	1201200000	1200600000	1651480000	1651430000
1.5 mm <sup>2</sup>	14	1201300000	1200700000	1651490000	1651440000
2.5 mm <sup>2</sup>	12	1201400000	1200800000	1651500000	1651450000
4 mm <sup>2</sup>	10	1201500000	1200900000	1651510000	1651460000

#### CM-3



Crimping range 1.5 – 10 mm<sup>2</sup>, Stripping length 10 mm

		Silver surface	
Conductor cross-section	AWG	Order No., female	Order No., male
1.5 mm <sup>2</sup>	16	1698130000	1698120000
2.5 mm <sup>2</sup>	14	1698150000	1698140000
4 mm <sup>2</sup>	12	1682270000	1682260000
6 mm <sup>2</sup>	10	1682290000	1682280000
10 mm <sup>2</sup>	7	1682310000	1682300000

#### CM-5



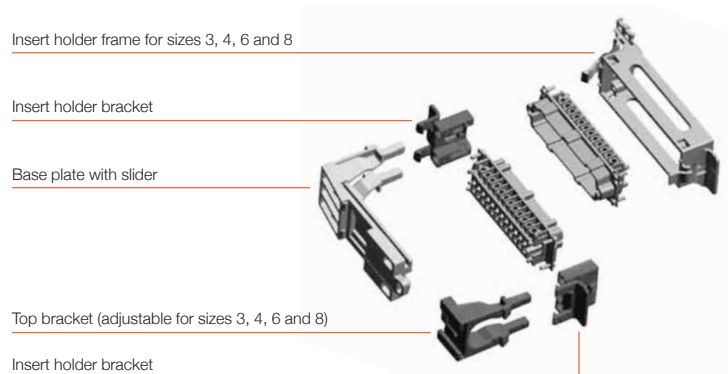
Crimping range 0.75 – 4 mm<sup>2</sup>, Stripping length 8 mm

		Silver surface	
Conductor cross-section	AWG	Order No., female	Order No., male
0.75 – 1 mm <sup>2</sup>	18	1682350000	1682340000
1.5 mm <sup>2</sup>	16	1682370000	1682360000
2.5 mm <sup>2</sup>	14	1682390000	1682380000
4 mm <sup>2</sup>	12	1682410000	1682400000

### RailMate terminal rail mounting system

Type	HDC RailMate HB 6 Set	HDC RailMate HB 10 Set	HDC RailMate HB 16 Set	HDC RailMate HB 24 Set
Size	3	4	6	8
Order No.	1797500000	1797510000	1797520000	1797530000

Every set consists of: base plate, slider, top bracket, 2 insert holder brackets, insert holder frame



### Crimping tools

CTX CM 1.6/2.5	CTX CM 3.6	CZB 1	HDC-CM-3
for turned contacts: HD, HE, ConCept	for turned contacts: HD, HE, ConCept	for turned contacts: HE, ConCept CM-3	for turned contacts: HE, ConCept CM-3



Crimping range	0.14 – 2.5 mm <sup>2</sup>	4 – 10 mm <sup>2</sup>	0.5 – 4 mm <sup>2</sup>	1.5 – 10 mm <sup>2</sup>
Order No.	9018490000	9018480000	9012710000	1700890000

### Contact removal tools

Removal tool for	HD	HE	ConCept CM-3	ConCept CM-5
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Order No.	1866730000	1866750000	1866710000	1866720000
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