

# RockStar® Heavy Duty Connector Kits

Now  
Featuring  
SNAP IN  
Kits



# SNAP IN

## RockStar® Heavy Duty Connectors with SNAP IN Technology:

For an acceleration of your wiring processes



RockStar® Heavy Duty Connectors with SNAP IN technology provide a tool free connection for stripped solid or stranded wire, with or without ferrules.

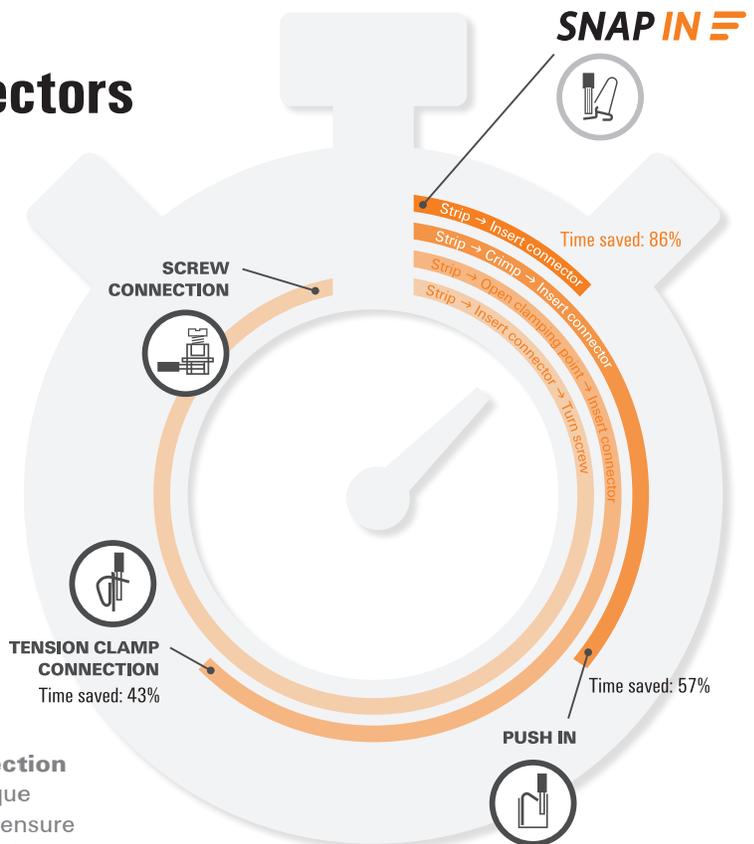
### Other connection technology



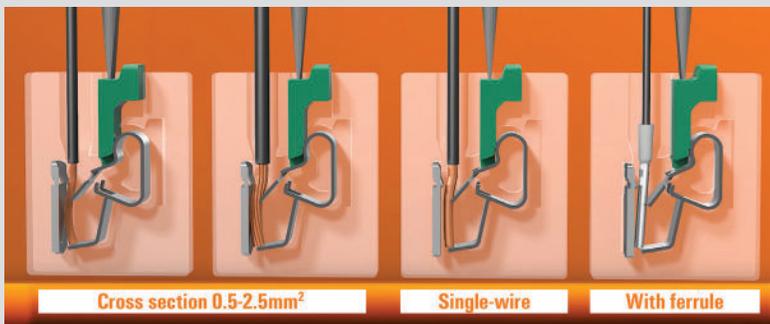
**PUSH IN**  
Requires stripped solid or ferruled wires



**Screw Connection**  
Requires a torque screwdriver to ensure reliable connection



## How it works:



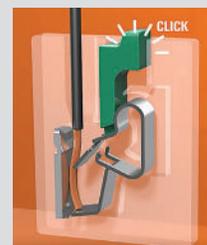
Compatible with stripped, solid or stranded wires, with or without ferrule

1



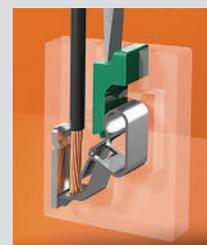
Stripped wires can easily and safely be inserted into the clamping point without further preparation.

2



The conductor makes contact with the wire with an audible "click." A raised pusher shows the triggered clamping point.

3



By pressing the pusher, the conductor can quickly and easily be released at any time, and the clamping point can be pre-loaded again.

ILME		Contact Lapp	Harting					
<b>Inserts</b>								
Screw Connection Inserts M/F Part ID	Screw Connection Inserts M/F Part ID	Screw Connection Inserts M/F Part ID	Size	Poles	Screw Connection Inserts	PUSH IN Inserts	SNAP IN Inserts	
CKM 03 - Male CKF 03 - Female	10420000 - Male 10421000 - Female	09 20 003 2611 - Male 09 20 003 2711 - Female	1	3+ PE	1498100000 - Male 1498200000 - Female	2985400000 - Male 2985500000 - Female	N/A	
CKM 04 - Male CKF 04 - Female	10431000 - Male 10432000 - Female	09 20 004 2611 - Male 09 20 004 2711 - Female	1	4+ PE	1498300000 - Male 1498400000 - Female	2985430000 - Male 2985440000 - Female	N/A	
CDAM 10 - Male CDAF 10 - Female	10440100 - Male 10441100 - Female	09 20 010 2612 - Male 09 20 010 2812 - Female	2	10+ PE	1650610000 - Male 1650620000 - Female	3124530000 - Male 3124540000 - Female	N/A	
CNEM 06 T - Male CNEF 06 T - Female	10190000 - Male 10191000 - Female	09 33 006 2601 - Male 09 33 006 2701 - Female	3	6+ PE	1200000000 - Male 1200200000 - Female	1873530000 - Male 1873520000 - Female	2666910000 - Male 2666920000 - Female	
CNEM 10 T - Male CNEF 10 T - Female	10192000 - Male 10193000 - Female	09 33 010 2601 - Male 09 33 010 2701 - Female	4	10+ PE	1203900000 - Male 1204100000 - Female	1873550000 - Male 1873540000 - Female	2666940000 - Male 2666930000 - Female	
CDAM 16 - Male CDAF 16 - Female	10530000 - Male 10531000 - Female	09 20 016 - 2612 - Male 09 20 016 2812 - Female	5	16+ PE	1650700000 - Male 1650780000 - Female	3124550000 - Male 3124560000 - Female	N/A	
CNEM 16 T - Male CNEF 16 T - Female	10194000 - Male 10195000 - Female	09 33 016 2601 - Male 09 33 016 2701 - Female	6	16+ PE	1207500000 - Male 1207700000 - Female	1873570000 - Male 1873560000 - Female	2666960000 - Male 2666950000 - Female	
CNEM 24 T - Male CNEF 24 T - Female	10196000 - Male 10197000 - Female	09 33 024 2601 - Male 09 33 024 2701 - Female	8	24+ PE	1211000000 - Male 1211300000 - Female	1873590000 - Male 1873580000 - Female	2667000000 - Male 2666990000 - Female	
<b>Housing - Hoods</b>								
ILME Parts (PG/Metric)	Contact Lapp Parts (PG/Metric)	Harting Parts (PG/Metric)	Size	PG Thread Hood	Metric Thread Hood	Description		
CKA 03 VS / MKA V20	PG N/A / 19426500	09 20 003 1440 / 19 20 003 1440	1	1652470000	1788820000	Top / PG11 or M20, Metal		
CKA 03 VAS / MKA VA20	10512300 / 19427500	09 20 003 1640 / 19 20 003 1640	1	1652480000	1788810000	Side / PG11 or M20, Metal		
CK 03 VNS / MK VN20	No Offering	09 20 003 0420 / 19 20 003 0420	1	1652380000	1788520000	Top / PG11 or M20, Plastic		
CZAV 15L16 / MZAV 15L20	10446100 / 19446000	09 20 010 0440 / 19 20 010 1440	2	1663930000	1788620000	Top / PG16 or M20, Metal		
CZAO 15L21 / MZAO 15L20	PG N/A / 79462200	09 20 - 010 0541 / 19 20 010 1540	2	1663870000	1967660000	Side / PG21 or M20, Metal		
CHV 06L16 / MHV 06L20	10021000 / 19011000	09 30 006 1441 / 19 30 006 1440	3	1652640000	1788120000	Top / PG16 or M20, Metal		
CHO 06L16 / MHO 06L20	10022000 / 19012000	09 30 006 1541 / 19 30 006 1540	3	1652520000	1788100000	Side / PG16 or M20, Metal		
CAV 10.21 / Metric N/A	10040100 / 19040100	09 30 010 0422 / 19 30 010 1421	4	1654240000	1787590000	Top / PG21 or M25, Metal		
CAO 10.21 / Metric N/A	10042100 / 19042100	09 30 010 0522 / 19 30 010 1541	4	1654090000	1787550000	Side / PG21 or M25, Metal		
CZAV 25L21 / MZAV 25L25	70490400 / 79490400	09 20 016 0441 / 19 20 016 0446	5	1664870000	1788700000	Top / PG21 or M25, Metal		
CZAO 25L21 / MZAO 25L25	70492400 / 79492400	09 20 016 0541 / 19 20 016 0546	5	1664750000	1788690000	Side / PG21 or M25, Metal		
CAV 16.21 / Metric N/A	10080000 / 19080000	09 30 016 1420 / 19 30 016 1421	6	1656590000	1788210000	Top / PG21 or M25, Metal		
CHO 16 / MHO 16.25	10082000 / 19082000	09 30 016 1520 / 19 30 016 1521	6	1656480000	1788180000	Side / PG21 or M25, Metal		
CHV 16 L / MHV 16 L25	10080900 / 19080900	09 30 016 1440 / 19 30 016 1441	6	1657960000	1788230000	Top / PG21 or M25, Metal		
CHV 24.29 / MHV 24.32	10111000 / 19111000	09 30 024 1421 / 19 30 024 1422	8	1661380000	1787810000	Top / PG29 or M32, Metal		
PG N/A / MHO 24.32	10123000 / 19123000	09 30 024 0521 / 19 30 024 1522	8	1661240000	1787750000	Side / PG29 or M32, Metal		
CHV 24 L / MHV 24 L32	10121900 / 19111900	09 30 024 0440 / 19 30 024 1442	8	1662540000	1787850000	Top / PG21 or M32, Metal		
<b>Housing - Panel Mount Bulk Heads</b>								
ILME	Contact Lapp	Harting	Size	Order no.	Bulkheads			
CKA 03 I	10422500	09 20 003 0301	1	1497600000	Bulkhead - Sgl. Lever, Metal			
CK 03 I	10422000	09 20 003 0320	1	1652410000	Bulkhead - Sgl. Lever, Plastic			
CZI 15 L	10442000	09 20 010 0301	2	1664040000	Bulkhead - Sgl. Lever, Metal			
CHI 06 L	10003000	09 30 006 0301	3	1202100000	Bulkhead - Sgl. Lever, Metal			
CHI 10 L	10032900	09 30 010 0305	4	1206100000	Bulkhead - Sgl. Lever, Metal			
CHI 10	10032000	09 30 010 0301	4	1205000000	Bulkhead - Dbl. Lever, Metal			
CZ7I 25 L	10462000	09 20 016 0301	5	1664920000	Bulkhead - Sgl. Lever, Metal			
CHI 16 L	10072900	09 30 016 0307	6	1209700000	Bulkhead - Sgl. Lever, Metal			
CHI 16 LS	10073900	09 30 016 0318	6	1210100000	Bulkhead w/ Cover - Sgl. Lever, Metal			
C7I 16	10072000	09 30 016 0301	6	1208600000	Bulkhead - Dbl. Lever, Metal			
CHI 24 L	10102900	09 30 024 0307	8	1213900000	Bulkhead - Sgl. Lever, Metal			
CHI 24 LS	10103900	09 30 024 0318	8	1214300000	Bulkhead w/ Cover - Sgl. Lever, Metal			
CHI 24	10102000	09 30 024 0301	8	1212400000	Bulkhead - Dbl. Lever, Metal			

NOTE: The cross table above provides Weidmuller's suggestion for the closest part match; however, please be sure to check specifications carefully prior to purchase as some items may not be cross-compatible between manufacturers.

# SNAP IN HDC HE Kits (Metric)



## 6 Pole, M20 Side Entry (Size 3)

Kit	Kit Type	Order no.	
	HDC KIT HE - QT 06.100 M	<b>8000134353</b>	
	Individual Components	Type	Order no.
	Inserts (F/M)	HDC HE 06 N FQT / HDC HE 06 N MQT	<b>2666920000 / 2666910000</b>
	Bulkhead	HDC 06B ALU	<b>1202100000</b>
Hood	HDC 06B TSLU 1M20G	<b>1788100000</b>	
Gland	VG M20 - MS68	<b>1772220000</b>	

## 6 Pole, M20 Top Entry (Size 3)

Kit	Kit Type	Order no.	
	HDC KIT HE - QT 06.101 M	<b>8000134354</b>	
	Individual Components	Type	Order no.
	Inserts (F/M)	HDC HE 06 N FQT / HDC HE 06 N MQT	<b>2666920000 / 2666910000</b>
	Bulkhead	HDC 06B ALU	<b>1202100000</b>
Hood	HDC 06B TSLU 1M20G	<b>1788120000</b>	
Gland	VG M20 - MS68	<b>1772220000</b>	

## 10 Pole, M25 Side Entry (Size 4)

Kit	Kit Type	Order no.	
	HDC KIT HE - QT 10.110 M	<b>8000134355</b>	
	Individual Components	Type	Order no.
	Inserts (F/M)	HDC HE 10 N FQT / HDC HE 10 N MQT	<b>2666930000 / 2666940000</b>
	Bulkhead	HDC 10B ABU	<b>1205000000</b>
Hood	HDC 10B TSBU 1M25G	<b>1787550000</b>	
Gland	VG M25 - MS68	<b>1772230000</b>	

## 10 Pole, M25 Top Entry (Size 4)

Kit	Kit Type	Order no.	
	HDC KIT HE - QT 10.111 M	<b>8000134356</b>	
	Individual Components	Type	Order no.
	Inserts (F/M)	HDC HE 10 N FQT / HDC HE 10 N MQT	<b>2666930000 / 2666940000</b>
	Bulkhead	HDC 10B ABU	<b>1205000000</b>
Hood	HDC 10B TOBU 1M25G	<b>1787590000</b>	
Gland	VG M25 - MS68	<b>1772230000</b>	

Specifications	
UL/CSA Voltage Rating:	600V AC/DC
UL/CSA Ampere Rating:	Up to 15A
Housing:	Diecast Aluminum
Clamp Range:	AWG 14 - 20
IP Rating:	IP65
Temperature Range:	- 40°C...+125°C

# SNAP IN HDC HE Kits (Metric)

**NEW!**

## 16 Pole, M25 Side Entry (Size 6)

Kit	Kit Type	Order no.
	HDC KIT HE - QT 16.120 M	<b>8000134358</b>
	<b>Individual Components</b>	
Inserts (F/M)	HDC HE 16 N FQT / HDC HE 16 N MQT	<b>2666950000 / 2666970000</b>
Bulkhead	HDC 16B ABU	<b>1208600000</b>
Hood	HDC 16B TSBU 1M25G	<b>1788180000</b>
Gland	VG M25 - MS68	<b>1772230000</b>

## 16 Pole, M25 Top Entry (Size 6)

Kit	Kit Type	Order no.
	HDC KIT HE - QT 16.121 M	<b>8000134357</b>
	<b>Individual Components</b>	
Inserts (F/M)	HDC HE 16 N FQT / HDC HE 16 N MQT	<b>2666950000 / 2666970000</b>
Bulkhead	HDC 16B ABU	<b>1208600000</b>
Hood	HDC 16B TOBU 1M25G	<b>1788210000</b>
Gland	VG M25 - MS68	<b>1772230000</b>

## 24 Pole, M32 Side Entry (Size 8)

Kit	Kit Type	Order no.
	HDC KIT HE - QT 24.130 M	<b>8000134359</b>
	<b>Individual Components</b>	
Inserts (F/M)	HDC HE 24 N FQT / HDC HE 24 N MQT	<b>2666990000 / 2667010000</b>
Bulkhead	HDC 24B ABU	<b>1212400000</b>
Hood	HDC 24B TSBU 1M32G	<b>1787750000</b>
Gland	VG M32 - MS68	<b>1772240000</b>

## 24 Pole, M32 Top Entry (Size 8)

Kit	Kit Type	Order no.
	HDC KIT HE - QT 24.131 M	<b>8000135362</b>
	<b>Individual Components</b>	
Inserts (F/M)	HDC HE 24 N FQT / HDC HE 24 N MQT	<b>2666990000 / 2667010000</b>
Bulkhead	HDC 24B ABU	<b>1212400000</b>
Hood	HDC 24B TOBU 1M32G	<b>1787810000</b>
Gland	VG M32 - MS68	<b>1772240000</b>

Specifications	
UL/CSA Voltage Rating:	600V AC/DC
UL/CSA Ampere Rating:	Up to 15A
Housing:	Diecast Aluminum
Clamp Range:	AWG 14 - 20
IP Rating:	IP65
Temperature Range:	- 40°C...+125°C

# SNAP IN HDC HE Kits (PG)



## 6 Pole, PG16 Side Entry (Size 3)

Kit	Kit Type	Order no.	
	HDC KIT HE - QT 06.100	<b>8000151872</b>	
	Individual Components	Type	Order no.
	Inserts (F/M)	HDC HE 06 N FQT / HDC HE 06 N MQT	<b>2666920000 / 2666910000</b>
	Bulkhead	HDC 06B ALU	<b>1202100000</b>
	Hood	HDC 06B TSLU 1PG16G	<b>1652520000</b>
	Gland	VG 16 - MS68	<b>1569100000</b>

## 6 Pole, PG16 Top Entry (Size 3)

Kit	Kit Type	Order no.	
	HDC KIT HE - QT 06.101	<b>8000151873</b>	
	Individual Components	Type	Order no.
	Inserts (F/M)	HDC HE 06 N FQT / HDC HE 06 N MQT	<b>2666920000 / 2666910000</b>
	Bulkhead	HDC 06B ALU	<b>1202100000</b>
	Hood	HDC 06B TOLU 1PG16G	<b>1652640000</b>
	Gland	VG 16 - MS68	<b>1569100000</b>

## 10 Pole, PG16 Side Entry (Size 4)

Kit	Kit Type	Order no.	
	HDC KIT HE - QT 10.110	<b>8000151874</b>	
	Individual Components	Type	Order no.
	Inserts (F/M)	HDC HE 10 N FQT / HDC HE 10 N MQT	<b>2666930000 / 2666940000</b>
	Bulkhead	HDC 10B ABU	<b>1205000000</b>
	Hood	HDC 10B TSBU 1PG16G	<b>1654070000</b>
	Gland	VG 16 - MS68	<b>1569100000</b>

## 10 Pole, PG16 Top Entry (Size 4)

Kit	Kit Type	Order no.	
	HDC KIT HE - QT 10.111	<b>8000151875</b>	
	Individual Components	Type	Order no.
	Inserts (F/M)	HDC HE 10 N FQT / HDC HE 10 N MQT	<b>2666930000 / 2666940000</b>
	Bulkhead	HDC 10B ABU	<b>1205000000</b>
	Hood	HDC 10B TOBU 1PG16G	<b>1654220000</b>
	Gland	VG 16 - MS68	<b>1569100000</b>

Specifications	
UL/CSA Voltage Rating:	600V AC/DC
UL/CSA Ampere Rating:	Up to 15A
Housing:	Diecast Aluminum
Clamp Range:	AWG 14 - 20
IP Rating:	IP65
Temperature Range:	- 40°C...+125°C

# SNAP IN HDC HE Kits (PG)

**NEW!**

## 16 Pole, PG21 Side Entry (Size 6)

Kit	Kit Type	Order no.
	HDC KIT HE - QT 16.120	<b>8000151876</b>
	<b>Individual Components</b>	
Inserts (F/M)	HDC HE 16 N FQT / HDC HE 16 N MQT	<b>2666950000 / 2666970000</b>
Bulkhead	HDC 16B ABU	<b>1208600000</b>
Hood	HDC 16B TSBU 1PG21G	<b>1656480000</b>
Gland	VG 21 - MS68	<b>1569110000</b>

## 16 Pole, PG21 Top Entry (Size 6)

Kit	Kit Type	Order no.
	HDC KIT HE - QT 16.121	<b>8000151877</b>
	<b>Individual Components</b>	
Inserts (F/M)	HDC HE 16 N FQT / HDC HE 16 N MQT	<b>2666950000 / 2666970000</b>
Bulkhead	HDC 16B ABU	<b>1208600000</b>
Hood	HDC 16B TOBU 1PG21G	<b>1656590000</b>
Gland	VG 21 - MS68	<b>1569110000</b>

## 24 Pole, PG21 Side Entry (Size 8)

Kit	Kit Type	Order no.
	HDC KIT HE - QT 24.130	<b>8000151878</b>
	<b>Individual Components</b>	
Inserts (F/M)	HDC HE 24 N FQT / HDC HE 24 N MQT	<b>2666990000 / 2667010000</b>
Bulkhead	HDC 24B ABU	<b>1212400000</b>
Hood	HDC 24B TSBU 1PG21G	<b>1661230000</b>
Gland	VG 21 - MS68	<b>1569110000</b>

## 24 Pole, PG21 Top Entry (Size 8)

Kit	Kit Type	Order no.
	HDC KIT HE - QT 24.131	<b>8000151879</b>
	<b>Individual Components</b>	
Inserts (F/M)	HDC HE 24 N FQT / HDC HE 24 N MQT	<b>2666990000 / 2667010000</b>
Bulkhead	HDC 24B ABU	<b>1212400000</b>
Hood	HDC 24B TOBU 1PG21G	<b>1661370000</b>
Gland	VG 21 - MS68	<b>1569110000</b>

Specifications	
UL/CSA Voltage Rating:	600V AC/DC
UL/CSA Ampere Rating:	Up to 15A
Housing:	Diecast Aluminum
Clamp Range:	AWG 14 - 20
IP Rating:	IP65
Temperature Range:	- 40°C...+125°C



# HDC HE Kits (Metric)

## 6 Pole, M20 Side Entry (Size 3)

Kit	Kit Type	Order no.	
	HDC KIT HE - P 06.10 M	<b>1027650000</b>	
	Individual Components	Type	Order no.
	Inserts (F/M)	HDC HE 6 FP / HDC HE 6 MP	<b>1873520000 / 1873530000</b>
	Bulkhead	HDC 06B ALU	<b>1202100000</b>
	Hood	HDC 06B TSLU 1M20G	<b>1788100000</b>
	Gland	VG M20 - MS68	<b>1772220000</b>

## 6 Pole, M20 Top Entry (Size 3)

Kit	Kit Type	Order no.	
	HDC KIT HE - P 06.11 M	<b>1061720000</b>	
	Individual Components	Type	Order no.
	Inserts (F/M)	HDC HE 6 FP / HDC HE 6 MP	<b>1873520000 / 1873530000</b>
	Bulkhead	HDC 06B ALU	<b>1202100000</b>
	Hood	HDC 06B TOLU 1M20G	<b>1788120000</b>
	Gland	VG M20 - MS68	<b>1772220000</b>

## 10 Pole, M25 Side Entry (Size 4)

Kit	Kit Type	Order no.	
	HDC KIT HE - P 10.110 M	<b>1027670000</b>	
	Individual Components	Type	Order no.
	Inserts (F/M)	HDC HE 10 FP / HDC HE 10 MP	<b>1873540000 / 1873550000</b>
	Bulkhead	HDC 10B ABU	<b>1205000000</b>
	Hood	HDC 10B TSBU 1M25G	<b>1787550000</b>
	Gland	VG M25 - MS68	<b>1772230000</b>

## 10 Pole, M25 Top Entry (Size 4)

Kit	Kit Type	Order no.	
	HDC KIT HE - P 10.111 M	<b>1061740000</b>	
	Individual Components	Type	Order no.
	Inserts (F/M)	HDC HE 10 FP / HDC HE 10 MP	<b>1873540000 / 1873550000</b>
	Bulkhead	HDC 10B ABU	<b>1205000000</b>
	Hood	HDC 10B TOBU 1M25G	<b>1787590000</b>
	Gland	VG M25 - MS68	<b>1772230000</b>

Specifications	
UL/CSA Voltage Rating:	600V AC/DC
UL/CSA Ampere Rating:	Up to 20A
Housing:	Diecast Aluminum
Clamp Range:	AWG 12 - 20
IP Rating:	IP65
Temperature Range:	- 40°C...+125°C



# HDC HE Kits (Metric)

## 16 Pole, M25 Side Entry (Size 6)

Kit	Kit Type	Order no.
	HDC KIT HE - P 16.120 M	<b>1027690000</b>
	Individual Components	Type
Inserts (F/M)	HDC HE 16 FP / HDC HE 16 MP	<b>1873560000 / 1873570000</b>
Bulkhead	HDC 16B ABU	<b>1208600000</b>
Hood	HDC 16B TSBU 1M25G	<b>1788180000</b>
Gland	VG M25 - MS68	<b>1772230000</b>

## 16 Pole, M25 Top Entry (Size 6)

Kit	Kit Type	Order no.
	HDC KIT HE - P 16.121 M	<b>1061770000</b>
	Individual Components	Type
Inserts (F/M)	HDC HE 16 FP / HDC HE 16 MP	<b>1873560000 / 1873570000</b>
Bulkhead	HDC 16B ABU	<b>1208600000</b>
Hood	HDC 16B TOBU 1M25G	<b>1788210000</b>
Gland	VG M25 - MS68	<b>1772230000</b>

## 24 Pole, M32 Side Entry (Size 8)

Kit	Kit Type	Order no.
	HDC KIT HE - P 24.130 M	<b>1061790000</b>
	Individual Components	Type
Inserts (F/M)	HDC HE 24 FP / HDC HE 24 MP	<b>1873580000 / 1873590000</b>
Bulkhead	HDC 24B ABU	<b>1212400000</b>
Hood	HDC 24B TSBU 1M32G	<b>1787750000</b>
Gland	VG M32 - MS68	<b>1772240000</b>

## 24 Pole, M32 Top Entry (Size 8)

Kit	Kit Type	Order no.
	HDC KIT HE - P 24.131 M	<b>1061700000</b>
	Individual Components	Type
Inserts (F/M)	HDC HE 24 FP / HDC HE 24 MP	<b>1873580000 / 1873590000</b>
Bulkhead	HDC 24B ABU	<b>1212400000</b>
Hood	HDC 24B TOBU 1M32G	<b>1787810000</b>
Gland	VG M32 - MS68	<b>1772240000</b>

Specifications	
UL/CSA Voltage Rating:	600V AC/DC
UL/CSA Ampere Rating:	Up to 20A
Housing:	Diecast Aluminum
Clamp Range:	AWG 12 - 20
IP Rating:	IP65
Temperature Range:	- 40°C...+125°C



# HDC HE Kits (PG)

## 6 Pole, PG16 Side Entry (Size 3)

Kit	Kit Type	Order no.	
	HDC KIT HE - P 06.10	<b>1027660000</b>	
	Individual Components	Type	Order no.
	Inserts (F/M)	HDC HE 6 FP / HDC HE 6 MP	<b>1873520000 / 1873530000</b>
	Bulkhead	HDC 06B ALU	<b>1202100000</b>
	Hood	HDC 06B TSLU 1PG16G	<b>1652520000</b>
	Gland	VG 16 - MS68	<b>1569100000</b>

## 6 Pole, PG16 Top Entry (Size 3)

Kit	Kit Type	Order no.	
	HDC KIT HE - P 06.11	<b>1061710000</b>	
	Individual Components	Type	Order no.
	Inserts (F/M)	HDC HE 6 FP / HDC HE 6 MP	<b>1873520000 / 1873530000</b>
	Bulkhead	HDC 06B ALU	<b>1202100000</b>
	Hood	HDC 06B TOLU 1PG16G	<b>1652640000</b>
	Gland	VG 16 - MS68	<b>1569100000</b>

## 10 Pole, PG16 Side Entry (Size 4)

Kit	Kit Type	Order no.	
	HDC KIT HE - P 10.110	<b>1027680000</b>	
	Individual Components	Type	Order no.
	Inserts (F/M)	HDC HE 10 FP / HDC HE 10 MP	<b>1873540000 / 1873550000</b>
	Bulkhead	HDC 10B ABU	<b>1205000000</b>
	Hood	HDC 10B TSBU 1PG16G	<b>1654070000</b>
	Gland	VG 16 - MS68	<b>1569100000</b>

## 10 Pole, PG16 Top Entry (Size 4)

Kit	Kit Type	Order no.	
	HDC KIT HE - P 10.111	<b>1061730000</b>	
	Individual Components	Type	Order no.
	Inserts (F/M)	HDC HE 10 FP / HDC HE 10 MP	<b>1873540000 / 1873550000</b>
	Bulkhead	HDC 10B ABU	<b>1205000000</b>
	Hood	HDC 10B TOBU 1PG16G	<b>1654220000</b>
	Gland	VG 16 - MS68	<b>1569100000</b>

Specifications	
UL/CSA Voltage Rating:	600V AC/DC
UL/CSA Ampere Rating:	Up to 20A
Housing:	Diecast Aluminum
Clamp Range:	AWG 12 - 20
IP Rating:	IP65
Temperature Range:	- 40°C...+125°C



# HDC HE Kits (PG)

## 16 Pole, PG21 Side Entry (Size 6)

Kit	Kit Type	Order no.	
	HDC KIT HE - P 16.120	<b>1027640000</b>	
	Individual Components	Type	Order no.
	Inserts (F/M)	HDC HE 16 FP / HDC HE 16 MP	<b>1873560000 / 1873570000</b>
	Bulkhead	HDC 16B ABU	<b>1208600000</b>
	Hood	HDC 16B TSBU 1PG21G	<b>1656480000</b>
	Gland	VG 21 - MS68	<b>1569110000</b>

## 16 Pole, PG21 Top Entry (Size 6)

Kit	Kit Type	Order no.	
	HDC KIT HE - P 16.121	<b>1061750000</b>	
	Individual Components	Type	Order no.
	Inserts (F/M)	HDC HE 16 FP / HDC HE 16 MP	<b>1873560000 / 1873570000</b>
	Bulkhead	HDC 16B ABU	<b>1208600000</b>
	Hood	HDC 16B TOBU 1PG21G	<b>1656590000</b>
	Gland	VG 21 - MS68	<b>1569110000</b>

## 24 Pole, PG21 Side Entry (Size 8)

Kit	Kit Type	Order no.	
	HDC KIT HE - P 24.130	<b>1061780000</b>	
	Individual Components	Type	Order no.
	Inserts (F/M)	HDC HE 24 FP / HDC HE 24 MP	<b>1873580000 / 1873590000</b>
	Bulkhead	HDC 24B ABU	<b>1212400000</b>
	Hood	HDC 24B TSBU 1PG21G	<b>1661230000</b>
	Gland	VG 21 - MS68	<b>1569110000</b>

## 24 Pole, PG21 Top Entry (Size 8)

Kit	Kit Type	Order no.	
	HDC KIT HE - P 24.131	<b>1061800000</b>	
	Individual Components	Type	Order no.
	Inserts (F/M)	HDC HE 24 FP / HDC HE 24 MP	<b>1873580000 / 1873590000</b>
	Bulkhead	HDC 24B ABU	<b>1212400000</b>
	Hood	HDC 24B TOBU 1PG21G	<b>1661370000</b>
	Gland	VG 21 - MS68	<b>1569110000</b>

Specifications	
UL/CSA Voltage Rating:	600V AC/DC
UL/CSA Ampere Rating:	Up to 20A
Housing:	Diecast Aluminum
Clamp Range:	AWG 12 - 20
IP Rating:	IP65
Temperature Range:	- 40°C...+125°C

# Screw Connection HDC HE Kits (Metric)

## 6 Pole, M20 Side Entry, (Size 3)

Kit	Kit Type	Order no.	
	HDC KIT HE 06.100 M	<b>1802730000</b>	
	Individual Components	Type	Order no.
	Inserts (F/M)	HDC HE 6 FS / HDC HE 6 MS	<b>1200200000 / 1200000000</b>
	Bulkhead	HDC 06B ALU	<b>1202100000</b>
	Hood	HDC 06B TSLU 1M20G	<b>1788100000</b>
	Gland	VG M20 - MS68	<b>1772220000</b>

## 6 Pole, M20 Top Entry (Size 3)

Kit	Kit Type	Order no.	
	HDC KIT HE 06.101 M	<b>1802740000</b>	
	Individual Components	Type	Order no.
	Inserts (F/M)	HDC HE 6 FS / HDC HE 6 MS	<b>1200200000 / 1200000000</b>
	Bulkhead	HDC 06B ALU	<b>1202100000</b>
	Hood	HDC 06B TOLU 1M20G	<b>1788120000</b>
	Gland	VG M20 - MS68	<b>1772220000</b>

## 10 Pole, M25 Side Entry (Size 4)

Kit	Kit Type	Order no.	
	HDC - KIT - HE 10.110 M	<b>1802420000</b>	
	Individual Components	Type	Order no.
	Inserts (F/M)	HDC HE 10 FS / HDC HE 10 MS	<b>1204100000 / 1203900000</b>
	Bulkhead	HDC 10B ABU	<b>1205000000</b>
	Hood	HDC 10B TSBU 1M25G	<b>1787550000</b>
	Gland	VG M25 - MS68	<b>1772230000</b>

## 10 Pole, M25 Top Entry (Size 4)

Kit	Kit Type	Order no.	
	HDC - KIT - HE 10.111 M	<b>1802410000</b>	
	Individual Components	Type	Order no.
	Inserts (F/M)	HDC HE 10 FS / HDC HE 10 MS	<b>1204100000 / 1203900000</b>
	Bulkhead	HDC 10B ABU	<b>1205000000</b>
	Hood	HDC 10B TOBU 1M25G	<b>1787590000</b>
	Gland	VG M25 - MS68	<b>1772230000</b>

Specifications	
UL/CSA Voltage Rating:	600V AC/DC
UL/CSA Ampere Rating:	Up to 20A
Housing:	Diecast Aluminum
Clamp Range:	AWG 12 - 20
IP Rating:	IP65
Temperature Range:	- 40°C...+125°C

# Screw Connection HDC HE Kits (Metric)

## 16 Pole, M25 Side Entry (Size 6)

Kit	Kit Type	Order no.	
	HDC - KIT - HE 16.120 M	<b>1802400000</b>	
	Individual Components	Type	Order no.
	Inserts (F/M)	HDC HE 16 FS / HDC HE 16 MS	<b>1207700000 / 1207500000</b>
	Bulkhead	HDC 16B ABU	<b>1208600000</b>
Hood	HDC 16B TSBU 1M25G	<b>1788180000</b>	
Gland	VG M25 - MS68	<b>1772230000</b>	

## 16 Pole, M25 Top Entry (Size 6)

Kit	Kit Type	Order no.	
	HDC - KIT - HE 16.121 M	<b>1802390000</b>	
	Individual Components	Type	Order no.
	Inserts (F/M)	HDC HE 16 FS / HDC HE 16 MS	<b>1207700000 / 1207500000</b>
	Bulkhead	HDC 16B ABU	<b>1208600000</b>
Hood	HDC 16B TOBU 1M25G	<b>1788210000</b>	
Gland	VG M25 - MS68	<b>1772230000</b>	

## 24 Pole, M32 Side Entry (Size 8)

Kit	Kit Type	Order no.	
	HDC - KIT - HE 24.130 M	<b>1802380000</b>	
	Individual Components	Type	Order no.
	Inserts (F/M)	HDC HE 24 FS / HDC HE 24 MS	<b>1211300000 / 1211100000</b>
	Bulkhead	HDC 24B ABU	<b>1212400000</b>
Hood	HDC 24B TSBU 1M32G	<b>1787750000</b>	
Gland	VG M32 - MS68	<b>1772240000</b>	

## 24 Pole, M32 Top Entry (Size 8)

Kit	Kit Type	Order no.	
	HDC - KIT - HE 24.131 M	<b>1802480000</b>	
	Individual Components	Type	Order no.
	Inserts (F/M)	HDC HE 24 FS / HDC HE 24 MS	<b>1211300000 / 1211100000</b>
	Bulkhead	HDC 24B ABU	<b>1212400000</b>
Hood	HDC 24B TOBU 1M32G	<b>1787810000</b>	
Gland	VG M32 - MS68	<b>1772240000</b>	

Specifications	
UL/CSA Voltage Rating:	600V AC/DC
UL/CSA Ampere Rating:	Up to 20A
Housing:	Diecast Aluminum
Clamp Range:	AWG 12 - 20
IP Rating:	IP65
Temperature Range:	- 40°C...+125°C

# Screw Connection HDC HE Kits (PG)

## 6 Pole, PG16 Side Entry (Size 3)

Kit	Kit Type	Order no.	
	HDC - KIT - HE 06.100	<b>1712460000</b>	
	Individual Components	Type	Order no.
	Inserts (F/M)	HDC HE 6 FS / HDC HE 6 MS	<b>1200200000 / 1200000000</b>
	Bulkhead	HDC 06B ALU	<b>1202100000</b>
Hood	HDC 06B TSLU 1PG16G	<b>1652520000</b>	
Gland	VG 16 - MS68	<b>1569100000</b>	

## 6 Pole, PG16 Top Entry (Size 3)

Kit	Kit Type	Order no.	
	HDC - KIT - HE 06.101	<b>1712660000</b>	
	Individual Components	Type	Order no.
	Inserts (F/M)	HDC HE 6 FS / HDC HE 6 MS	<b>1200200000 / 1200000000</b>
	Bulkhead	HDC 06B ALU	<b>1202100000</b>
Hood	HDC 06B TOLU 1PG16G	<b>1652640000</b>	
Gland	VG 16 - MS68	<b>1569100000</b>	

## 10 Pole, PG16 Side Entry (Size 4)

Kit	Kit Type	Order no.	
	HDC - KIT - HE 10.110	<b>1712510000</b>	
	Individual Components	Type	Order no.
	Inserts (F/M)	HDC HE 10 FS / HDC HE 10 MS	<b>1204100000 / 1203900000</b>
	Bulkhead	HDC 10B ABU	<b>1205000000</b>
Hood	HDC 10B TSBU 1PG16G	<b>1654070000</b>	
Gland	VG 16 - MS68	<b>1569100000</b>	

## 10 Pole, PG16 Top Entry (Size 4)

Kit	Kit Type	Order no.	
	HDC - KIT - HE 10.111	<b>1712670000</b>	
	Individual Components	Type	Order no.
	Inserts (F/M)	HDC HE 10 FS / HDC HE 10 MS	<b>1204100000 / 1203900000</b>
	Bulkhead	HDC 10B ABU	<b>1205000000</b>
Hood	HDC 10B TOBU 1PG16G	<b>1654220000</b>	
Gland	VG 16 - MS68	<b>1569100000</b>	

Specifications	
UL/CSA Voltage Rating:	600V AC/DC
UL/CSA Ampere Rating:	Up to 20A
Housing:	Diecast Aluminum
Clamp Range:	AWG 12 - 20
IP Rating:	IP65
Temperature Range:	- 40°C...+125°C

# Screw Connection HDC HE Kits (PG)

## 16 Pole, PG21 Side Entry (Size 6)

Kit	Kit Type	Order no.	
	HDC - KIT - HE 16.120	<b>1712520000</b>	
	Individual Components	Type	Order no.
	Inserts (F/M)	HDC HE 16 FS / HDC HE 16 MS	<b>1207700000 / 1207500000</b>
	Bulkhead	HDC 16B ABU	<b>1208600000</b>
Hood	HDC 16B TSBU 1PG21G	<b>1656480000</b>	
Gland	VG 21 - MS68	<b>1569110000</b>	

## 16 Pole, PG21 Top Entry (Size 6)

Kit	Kit Type	Order no.	
	HDC - KIT - HE 16.121	<b>1712680000</b>	
	Individual Components	Type	Order no.
	Inserts (F/M)	HDC HE 16 FS / HDC HE 16 MS	<b>1207700000 / 1207500000</b>
	Bulkhead	HDC 16B ABU	<b>1208600000</b>
Hood	HDC 16B TOBU 1PG21G	<b>1656590000</b>	
Gland	VG 21 - MS68	<b>1569110000</b>	

## 24 Pole, PG21 Side Entry (Size 8)

Kit	Kit Type	Order no.	
	HDC - KIT - HE 24.130	<b>1712530000</b>	
	Individual Components	Type	Order no.
	Inserts (F/M)	HDC HE 24 FS / HDC HE 24 MS	<b>1211300000 / 1211100000</b>
	Bulkhead	HDC 24B ABU	<b>1212400000</b>
Hood	HDC 24B TSBU 1PG21G	<b>1661230000</b>	
Gland	VG 21 - MS68	<b>1569110000</b>	

## 24 Pole, PG21 Top Entry (Size 8)

Kit	Kit Type	Order no.	
	HDC - KIT - HE 24.131	<b>1712690000</b>	
	Individual Components	Type	Order no.
	Inserts (F/M)	HDC HE 24 FS / HDC HE 24 MS	<b>1211300000 / 1211100000</b>
	Bulkhead	HDC 24B ABU	<b>1212400000</b>
Hood	HDC 24B TOBU 1PG21G	<b>1661370000</b>	
Gland	VG 21 - MS68	<b>1569110000</b>	

### Specifications

UL/CSA Voltage Rating:	600V AC/DC
UL/CSA Ampere Rating:	Up to 20A
Housing:	Diecast Aluminum
Clamp Range:	AWG 12 - 20
IP Rating:	IP65
Temperature Range:	- 40°C...+125°C



# HDC HA Kits (Metric)

## Metric - Diecast aluminum housing

### 3 Pole, M20 (Size 1)

Kit	Kit Type	Order no.
	HDC - KIT - HA 03.300 M P	<b>3123910000</b>
Individual Components	Type	Order no.
Inserts (F/M)	HDC HA 3 FP / HDC HA 3 MP	<b>2985550000 / 2985540000</b>
Bulkhead	HDC 04A ALU	<b>1497600000</b>
Hood	HDC 04A TOLU 1M20G	<b>1788820000</b>
Gland	VG M20 - MS68	<b>1772220000</b>

### 3 Pole, M20 Angled Bulkhead (Size 1)

Kit	Kit Type	Order no.
	HDC - KIT - HA 03.302 M P	<b>3123930000</b>
Individual Components	Type	Order no.
Inserts (F/M)	HDC HA 3 FP / HDC HA 3 MP	<b>2985550000 / 2985540000</b>
Bulkhead	HDC 04A AWLU	<b>1497700000</b>
Hood	HDC 04A TOLU 1M20G	<b>1788820000</b>
Gland	VG M20 - MS68	<b>1772220000</b>

### 4 Pole, M20 (Size 1)

Kit	Kit Type	Order no.
	HDC - KIT - HA 04.400 M P	<b>3123980000</b>
Individual Components	Type	Order no.
Inserts (F/M)	HDC HA 4 FP / HDC HA 4 MP	<b>2985440000 / 2985430000</b>
Bulkhead	HDC 04A ALU	<b>1497600000</b>
Hood	HDC 04A TOLU 1M20G	<b>1788820000</b>
Gland	VG M20 - MS68	<b>1772220000</b>

### 4 Pole, M20 Angled Bulkhead (Size 1)

Kit	Kit Type	Order no.
	HDC - KIT - HA 04.402 M P	<b>3124010000</b>
Individual Components	Type	Order no.
Inserts (F/M)	HDC HA 4 FP / HDC HA 4 MP	<b>2985440000 / 2985430000</b>
Bulkhead	HDC 04A AWLU	<b>1497700000</b>
Hood	HDC 04A TOLU 1M20G	<b>1788820000</b>
Gland	VG M20 - MS68	<b>1772220000</b>

#### Specifications

UL/CSA Voltage Rating: 600V AC/DC

UL/CSA Ampere Rating: Up to 15A\*

Clamp Range: AWG 16 - 26

IP Rating: IP65

Temperature Range: - 40°C...+125°C

\* Up to 14A for 4 Pole



# HDC HA Kits (Metric)

## Metric - Plastic housing

### 3 Pole, M20 (Size 1)



Kit Type		Order no.
HDC - KIT - HA 03.301 M P		<b>3123920000</b>
Individual Components	Type	Order no.
Inserts (F/M)	HDC HA 3 FP / HDC HA 3 MP	<b>2985550000 / 2985540000</b>
Bulkhead	HDC 07A ALU	<b>1652410000</b>
Hood	HDC 07A TOLU 1M20G	<b>1788520000</b>
Gland	VG M20 - 1/K68	<b>1772300000</b>

### 4 Pole, M20 (Size 1)



Kit Type		Order no.
HDC - KIT - HA 04.401 M P		<b>3124000000</b>
Individual Components	Type	Order no.
Inserts (F/M)	HDC HA 4 FP / HDC HA 4 MP	<b>2985440000 / 2985430000</b>
Bulkhead	HDC 07A ALU	<b>1652410000</b>
Hood	HDC 07A TOLU 1M20G	<b>1788520000</b>
Gland	VG M20 - 1/K68	<b>1772300000</b>

### 4 Pole, M20 Angled Bulkhead (Size 1)



Kit Type		Order no.
HDC - KIT - HA 04.406 M P		<b>3124020000</b>
Individual Components	Type	Order no.
Inserts (F/M)	HDC HA 4 FP / HDC HA 4 MP	<b>2985440000 / 2985430000</b>
Bulkhead	HDC 07A AWLU	<b>1652420000</b>
Hood	HDC 07A TOLU 1M20G	<b>1788520000</b>
Gland	VG M20 - 1/K68	<b>1772300000</b>

#### Specifications

UL/CSA Voltage Rating:	600V AC/DC
UL/CSA Ampere Rating:	Up to 15A*
Clamp Range:	AWG 16 - 26
IP Rating:	IP65
Temperature Range:	- 40°C...+125°C

\* Up to 14A for 4 Pole



# HDC HA Kits (PG)

## PG - Diecast aluminum housing

### 3 Pole, PG11 (Size 1)

Kit	Kit Type	Order no.
	HDC - KIT - HA 03.300 P	<b>3123850000</b>
Individual Components	Type	Order no.
Inserts (F/M)	HDC HA 3 FP / HDC HA 3 MP	<b>2985550000 / 2985540000</b>
Bulkhead	HDC 04A ALU	<b>1497600000</b>
Hood	HDC 04A TOLU 1PG11G	<b>1652470000</b>
Gland	VG 11 - MS68	<b>1569080000</b>

### 3 Pole, PG11 Angled Bulkhead (Size 1)

Kit	Kit Type	Order no.
	HDC - KIT - HA 03.302 P	<b>3123890000</b>
Individual Components	Type	Order no.
Inserts (F/M)	HDC HA 3 FP / HDC HA 3 MP	<b>2985550000 / 2985540000</b>
Bulkhead	HDC 04A AWLU	<b>1497700000</b>
Hood	HDC 04A TOLU 1PG11G	<b>1652470000</b>
Gland	VG 11 - MS68	<b>1569080000</b>

### 4 Pole, PG11 (Size 1)

Kit	Kit Type	Order no.
	HDC - KIT - HA 04.400 P	<b>3123940000</b>
Individual Components	Type	Order no.
Inserts (F/M)	HDC HA 4 FP / HDC HA 4 MP	<b>2985440000 / 2985430000</b>
Bulkhead	HDC 04A ALU	<b>1497600000</b>
Hood	HDC 04A TOLU 1M20G	<b>1788820000</b>
Gland	VG M20 - MS68	<b>1772220000</b>

### 4 Pole, PG11 Angled Bulkhead (Size 1)

Kit	Kit Type	Order no.
	HDC - KIT - HA 04.402 P	<b>3123960000</b>
Individual Components	Type	Order no.
Inserts (F/M)	HDC HA 4 FP / HDC HA 4 MP	<b>2985440000 / 2985430000</b>
Bulkhead	HDC 04A AWLU	<b>1497700000</b>
Hood	HDC 04A TOLU 1M20G	<b>1788820000</b>
Gland	VG M20 - MS68	<b>1772220000</b>

#### Specifications

UL/CSA Voltage Rating:	600V AC/DC
UL/CSA Ampere Rating:	Up to 15A*
Clamp Range:	AWG 16 - 26
IP Rating:	IP65
Temperature Range:	- 40°C...+125°C

\* Up to 14A for 4 Pole



# HDC HA Kits (PG)

## PG - Plastic housing

### 3 Pole, PG11 (Size 1)

Kit	Kit Type	Order no.	
	HDC - KIT - HA 03.301 P	<b>3123880000</b>	
	Individual Components	Type	Order no.
	Inserts (F/M)	HDC HA 3 FP / HDC HA 3 MP	<b>2985550000 / 2985540000</b>
	Bulkhead	HDC 07A ALU	<b>1652410000</b>
	Hood	HDC 07A TOLU 1PG11G	<b>1652380000</b>
Gland	VG 11 - K68	<b>1568990000</b>	

### 3 Pole, PG11 Angled Bulkhead (Size 1)

Kit	Kit Type	Order no.	
	HDC - KIT - HA 03.304 P	<b>3123900000</b>	
	Individual Components	Type	Order no.
	Inserts (F/M)	HDC HA 3 FP / HDC HA 3 MP	<b>2985550000 / 2985540000</b>
	Bulkhead	HDC 07A AWLU	<b>1652420000</b>
	Hood	HDC 07A TOLU 1PG11G	<b>1652380000</b>
Gland	VG 11 - K68	<b>1568990000</b>	

### 4 Pole, PG11 (Size 1)

Kit	Kit Type	Order no.	
	HDC - KIT - HA 04.401 P	<b>3123950000</b>	
	Individual Components	Type	Order no.
	Inserts (F/M)	HDC HA 4 FP / HDC HA 4 MP	<b>2985440000 / 2985430000</b>
	Bulkhead	HDC 07A ALU	<b>1652410000</b>
	Hood	HDC 07A TOLU 1PG11G	<b>1652380000</b>
Gland	VG 11 - K68	<b>1568990000</b>	

### 4 Pole, PG11 Angled Bulkhead (Size 1)

Kit	Kit Type	Order no.	
	HDC - KIT - HA 04.406 P	<b>3123970000</b>	
	Individual Components	Type	Order no.
	Inserts (F/M)	HDC HA 4 FP / HDC HA 4 MP	<b>2985440000 / 2985430000</b>
	Bulkhead	HDC 07A AWLU	<b>1652420000</b>
	Hood	HDC 07A TOLU 1PG11G	<b>1652380000</b>
Gland	VG 11 - K68	<b>1568990000</b>	

Specifications	
UL/CSA Voltage Rating:	600V AC/DC
UL/CSA Ampere Rating:	Up to 15A*
Clamp Range:	AWG 16 - 26
IP Rating:	IP65
Temperature Range:	- 40°C...+125°C
* Up to 14A for 4 Pole	

# Screw Connection HDC HA Kits (Metric)

Metric - Diecast aluminum housing

## 3 Pole, M20 (Size 1)

Kit	Kit Type	Order no.
	HDC - KIT - HA 03.300 M	<b>1802470000</b>
Individual Components	Type	Order no.
Inserts (F/M)	HDC HA 3 FS / HDC HA 3 MS	<b>1498200000 / 1498100000</b>
Bulkhead	HDC 04A ALU	<b>1497600000</b>
Hood	HDC 04A TOLU 1M20G	<b>1788820000</b>
Gland	VG M20 - MS68	<b>1772220000</b>

## 3 Pole, M20 Angled Bulkhead (Size 1)

Kit	Kit Type	Order no.
	HDC - KIT - HA 03.302 M	<b>1802450000</b>
Individual Components	Type	Order no.
Inserts (F/M)	HDC HA 3 FS / HDC HA 3 MS	<b>1498200000 / 1498100000</b>
Bulkhead	HDC 04A AWLU	<b>1497700000</b>
Hood	HDC 04A TOLU 1M20G	<b>1788820000</b>
Gland	VG M20 - MS68	<b>1772220000</b>

## 4 Pole, M20 (Size 1)

Kit	Kit Type	Order no.
	HDC - KIT - HA 04.400 M	<b>1802440000</b>
Individual Components	Type	Order no.
Inserts (F/M)	HDC HA 4 FS / HDC HA 4 MS	<b>1498400000 / 1498300000</b>
Bulkhead	HDC 04A ALU	<b>1497600000</b>
Hood	HDC 04A TOLU 1M20G	<b>1788820000</b>
Gland	VG M20 - MS68	<b>1772220000</b>

## 4 Pole, M20 Angled Bulkhead (Size 1)

Kit	Kit Type	Order no.
	HDC KIT HA 04.402 M	<b>1802700000</b>
Individual Components	Type	Order no.
Inserts (F/M)	HDC HA 4 FS / HDC HA 4 MS	<b>1498400000 / 1498300000</b>
Bulkhead	HDC 04A AWLU	<b>1497700000</b>
Hood	HDC 04A TOLU 1M20G	<b>1788820000</b>
Gland	VG M20 - MS68	<b>1772220000</b>

Specifications	
UL/CSA Voltage Rating:	600V AC/DC
UL/CSA Ampere Rating:	Up to 15A
Clamp Range:	AWG 14 - 20
IP Rating:	IP65
Temperature Range:	- 40°C...+125°C

# Screw Connection HDC HA Kits (Metric)

## Metric - Plastic housing

### 3 Pole, M20 (Size 1)

Kit	Kit Type	Order no.
	HDC - KIT - HA 03.301 M	<b>1802460000</b>
Individual Components	Type	Order no.
Inserts (F/M)	HDC HA 3 FS / HDC HA 3 MS	<b>1498200000 / 1498100000</b>
Bulkhead	HDC 07A ALU	<b>1652410000</b>
Hood	HDC 07A TOLU 1M20G	<b>1788520000</b>
Gland	VG M20 - 1/K68	<b>1772300000</b>

### 4 Pole, M20 (Size 1)

Kit	Kit Type	Order no.
	HDC - KIT - HA 04.401 M	<b>1802430000</b>
Individual Components	Type	Order no.
Inserts (F/M)	HDC HA 4 FS / HDC HA 4 MS	<b>1498400000 / 1498300000</b>
Bulkhead	HDC 07A ALU	<b>1652410000</b>
Hood	HDC 07A TOLU 1M20G	<b>1788520000</b>
Gland	VG M20 - 1/K68	<b>1772300000</b>

### 4 Pole, M20 Angled Bulkhead (Size 1)

Kit	Kit Type	Order no.
	HDC KIT HA 04.406 M	<b>1802720000</b>
Individual Components	Type	Order no.
Inserts (F/M)	HDC HA 4 FS / HDC HA 4 MS	<b>1498400000 / 1498300000</b>
Bulkhead	HDC 07A AWLU	<b>1652420000</b>
Hood	HDC 07A TOLU 1M20G	<b>1788520000</b>
Gland	VG M20 - 1/K68	<b>1772300000</b>

Specifications	
UL/CSA Voltage Rating:	600V AC/DC
UL/CSA Ampere Rating:	Up to 15A
Clamp Range:	AWG 14 - 20
IP Rating:	IP65
Temperature Range:	- 40°C...+125°C

# Screw Connection HDC HA Kits (PG)

## PG - Diecast aluminum housing

### 3 Pole, PG11 (Size 1)

Kit	Kit Type	Order no.
	HDC - KIT - HA 03.300	<b>1712560000</b>
Individual Components	Type	Order no.
Inserts (F/M)	HDC HA 3 FS / HDC HA 3 MS	<b>1498200000 / 1498100000</b>
Bulkhead	HDC 04A ALU	<b>1497600000</b>
Hood	HDC 04A TOLU 1PG11G	<b>1652470000</b>
Gland	VG 11 - MS68	<b>1569080000</b>

### 3 Pole, PG11 Angled Bulkhead (Size 1)

Kit	Kit Type	Order no.
	HDC - KIT - HA 03.302	<b>1712580000</b>
Individual Components	Type	Order no.
Inserts (F/M)	HDC HA 3 FS / HDC HA 3 MS	<b>1498200000 / 1498100000</b>
Bulkhead	HDC 04A AWLU	<b>1497700000</b>
Hood	HDC 04A TOLU 1PG11G	<b>1652470000</b>
Gland	VG 11 - MS68	<b>1569080000</b>

### 4 Pole, PG11 (Size 1)

Kit	Kit Type	Order no.
	HDC - KIT - HA 04.400	<b>1712590000</b>
Individual Components	Type	Order no.
Inserts (F/M)	HDC HA 4 FS / HDC HA 4 MS	<b>1498400000 / 1498300000</b>
Bulkhead	HDC 04A ALU	<b>1497600000</b>
Hood	HDC 04A TOLU 1PG11G	<b>1652470000</b>
Gland	VG 11 - MS68	<b>1569080000</b>

### 4 Pole, PG11 Angled Bulkhead (Size 1)

Kit	Kit Type	Order no.
	HDC - KIT - HA 04.402	<b>1712610000</b>
Individual Components	Type	Order no.
Inserts (F/M)	HDC HA 4 FS / HDC HA 4 MS	<b>1498400000 / 1498300000</b>
Bulkhead	HDC 04A AWLU	<b>1497700000</b>
Hood	HDC 04A TOLU 1PG11G	<b>1652470000</b>
Gland	VG 11 - MS68	<b>1569080000</b>

Specifications	
UL/CSA Voltage Rating:	600V AC/DC
UL/CSA Ampere Rating:	Up to 15A
Clamp Range:	AWG 14 - 20
IP Rating:	IP65
Temperature Range:	- 40°C...+125°C

# Screw Connection HDC HA Kits (PG)

## PG - Plastic housing

### 3 Pole, PG11 (Size 1)

Kit	Kit Type	Order no.	
	HDC - KIT - HA 03.301	<b>1712570000</b>	
	Individual Components	Type	Order no.
	Inserts (F/M)	HDC HA 3 FS / HDC HA 3 MS	<b>1498200000 / 1498100000</b>
	Bulkhead	HDC 07A ALU	<b>1652410000</b>
	Hood	HDC 07A TOLU 1PG11G	<b>1652380000</b>
Gland	VG 11 - K68	<b>1568990000</b>	

### 3 Pole, PG11 Angled Bulkhead (Size 1)

Kit	Kit Type	Order no.	
	HDC - KIT - HA 03.403	<b>1712630000</b>	
	Individual Components	Type	Order no.
	Inserts (F/M)	HDC HA 3 FS / HDC HA 3 MS	<b>1498200000 / 1498100000</b>
	Bulkhead	HDC 07A AWLU	<b>1652420000</b>
	Hood	HDC 07A TOLU 1PG11G	<b>1652380000</b>
Gland	VG 11 - K68	<b>1568990000</b>	

### 4 Pole, PG11 (Size 1)

Kit	Kit Type	Order no.	
	HDC - KIT - HA 04.401	<b>1712600000</b>	
	Individual Components	Type	Order no.
	Inserts (F/M)	HDC HA 4 FS / HDC HA 4 MS	<b>1498400000 / 1498300000</b>
	Bulkhead	HDC 07A ALU	<b>1652410000</b>
	Hood	HDC 07A TOLU 1PG11G	<b>1652380000</b>
Gland	VG 11 - K68	<b>1568990000</b>	

### 4 Pole, PG11 Angled Bulkhead (Size 1)

Kit	Kit Type	Order no.	
	HDC - KIT - HA 04.406	<b>1712650000</b>	
	Individual Components	Type	Order no.
	Inserts (F/M)	HDC HA 4 FS / HDC HA 4 MS	<b>1498400000 / 1498300000</b>
	Bulkhead	HDC 07A AWLU	<b>1652420000</b>
	Hood	HDC 07A TOLU 1PG11G	<b>1652380000</b>
Gland	VG 11 - K68	<b>1568990000</b>	

Specifications	
UL/CSA Voltage Rating:	600V AC/DC
UL/CSA Ampere Rating:	Up to 15A
Clamp Range:	AWG 14 - 20
IP Rating:	IP65
Temperature Range:	- 40°C...+125°C

# HDC Inserts

3-Pole (F/M)



4-Pole (F/M)



6-Pole (F/M)



10-Pole (F/M)



16-Pole (F/M)



24-Pole (F/M)



## SNAP IN Inserts



Poles	Gauge	Rated Voltage/ Rated Current	Size	Female Inserts	Male Inserts
6 + PE	AWG 14 - 20	600V AC/DC / up to 15A	3	2666920000	2666910000
10 + PE	AWG 14 - 20	600V AC/DC / up to 15A	4	2666930000	2666940000
16 + PE	AWG 14 - 20	600V AC/DC / up to 15A	6	2666950000	2666960000
24 + PE	AWG 14 - 20	600V AC/DC / up to 15A	8	2666990000	2667000000

## PUSH IN Inserts



Poles	Gauge	Rated Voltage/ Rated Current	Size	Female Inserts	Male Inserts
3 + PE	AWG 14 - 20	600V AC/DC / up to 15A	1	2985550000	2985540000
4 + PE	AWG 14 - 20	600V AC/DC / up to 14A	1	2985440000	2985430000
6 + PE	AWG 12 - 20	600V AC/DC / up to 20A	3	1873520000	1873530000
10 + PE	AWG 12 - 20	600V AC/DC / up to 20A	4	1873540000	1873550000
16 + PE	AWG 12 - 20	600V AC/DC / up to 20A	6	1873560000	1873570000
24 + PE	AWG 12 - 20	600V AC/DC / up to 20A	8	1873580000	1873590000

## Screw Connection Inserts



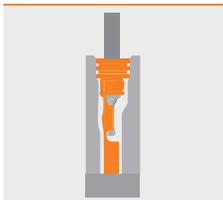
Poles	Gauge	Rated Voltage/ Rated Current	Size	Female Inserts	Male Inserts
3 + PE	AWG 14 - 20	600V AC/DC / up to 15A	1	1498200000	1498100000
4 + PE	AWG 14 - 20	600V AC/DC / up to 15A	1	1498400000	1498300000
6 + PE	AWG 12 - 20	600V AC/DC / up to 20A	3	1200200000	1200000000
10 + PE	AWG 12 - 20	600V AC/DC / up to 20A	4	1203900000	1204100000
16 + PE	AWG 12 - 20	600V AC/DC / up to 20A	6	1207700000	1207500000
24 + PE	AWG 12 - 20	600V AC/DC / up to 20A	8	1211300000	1211100000

## Tension Clamp Inserts



Poles	Gauge	Rated Voltage/ Rated Current	Size	Female Inserts	Male Inserts
6 + PE	AWG 14 - 24	600V AC/DC / up to 15A	3	1745760000	1745820000
10 + PE	AWG 14 - 24	600V AC/DC / up to 15A	4	1745770000	1745830000
16 + PE	AWG 14 - 24	600V AC/DC / up to 15A	6	1745780000	1745840000
24 + PE	AWG 14 - 24	600V AC/DC / up to 15A	8	1745790000	1745850000

## Crimp Connection Inserts



Poles	Gauge	Rated Voltage/ Rated Current	Size	Female Inserts	Male Inserts
6 + PE	AWG 12 - 20	600V AC/DC / up to 20A	3	1201000000	1200400000
10 + PE	AWG 12 - 20	600V AC/DC / up to 20A	4	1204400000	1204300000
16 + PE	AWG 12 - 20	600V AC/DC / up to 20A	6	1208000000	1207900000
24 + PE	AWG 12 - 20	600V AC/DC / up to 20A	8	1211600000	1211500000

### Specifications

Temperature Range: -40°C...+125°C

# HDC IP65 Housings

Size 1 Hood  
(Top)



Size 1 Bulkhead  
(1 Lever)



Hood (Side Entry,  
1 Lever)



Bulkhead  
(1 Lever)



Hood (Side Entry,  
2 Levers)



Bulkhead  
(2 Levers)



## Metric Housings

Housing Size	Locking Lever(s)	Housing Material	Cable Entry/ Size	Hood Order no.	Bulkhead Order no.
1	1	Plastic	Top/M20	1788520000	1652410000
1	1	Plastic	Side/M20	1788510000	1652410000
1	1	Diecast Aluminum	Top/M20	1788820000	1497600000
1	1	Diecast Aluminum	Side/M20	1788810000	1497600000
3	1	Diecast Aluminum	Side/M20	1788100000	1202100000
3	1	Diecast Aluminum	Top/M20	1788120000	1202100000
4	1	Diecast Aluminum	Side/M25	1787580000	1206100000
4	2	Diecast Aluminum	Side/M25	1787550000	1205000000
4	2	Diecast Aluminum	Top/M25	1787590000	1205000000
6	2	Diecast Aluminum	Side/M25	1788180000	1208600000
6	1	Diecast Aluminum	Top/M25	1788230000	1210100000*
6	1	Diecast Aluminum	Side/M25	1788200000	1209700000
6	2	Diecast Aluminum	Top/M25	1788210000	1208600000
8	2	Diecast Aluminum	Side/M32	1787750000	1212400000
8	2	Diecast Aluminum	Top/M32	1787810000	1212400000
8	1	Diecast Aluminum	Side/M32	1787790000	1213900000
8	1	Diecast Aluminum	Top/M32	1787850000	1214300000*

## PG Housings

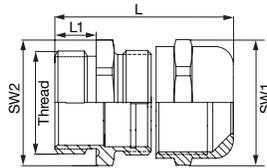
Housing Size	Locking Lever(s)	Housing Material	Cable Entry/ Size	Hood Order no.	Bulkhead Order no.
1	1	Plastic	Top/PG11	1652380000	1652410000
1	1	Plastic	Side/PG11	1652400000	1652410000
1	1	Diecast Aluminum	Top/PG11	1652470000	1497600000
1	1	Diecast Aluminum	Side/PG11	1652480000	1497600000
3	1	Diecast Aluminum	Side/PG16	1652520000	1202100000
3	1	Diecast Aluminum	Top/PG16	1652640000	1202100000
4	1	Diecast Aluminum	Side/PG16	1655210000	1206100000
4	2	Diecast Aluminum	Side/PG21	1654090000	1205000000
4	2	Diecast Aluminum	Top/PG21	1654240000	1205000000
6	1	Diecast Aluminum	Side/PG21	1657850000	1209700000
6	1	Diecast Aluminum	Top/PG21	1657960000	1210100000*
6	2	Diecast Aluminum	Side/PG21	1656480000	1208600000
6	2	Diecast Aluminum	Top/PG21	1656590000	1208600000
8	2	Diecast Aluminum	Side/PG29	1661240000	1212400000
8	2	Diecast Aluminum	Top/PG29	1661380000	1212400000
8	1	Diecast Aluminum	Side/PG21	1662390000	1213900000
8	1	Diecast Aluminum	Top/PG21	1662540000	1214300000*

\* With cover

### Specifications

Approvals	UL/CSA Electrical
Lever Material	Stainless Steel
Temperature Range	-40°C...+125°C

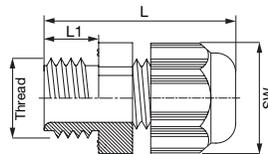
# Cable Glands (PG and Metric) and Adapters (Metric to NPT)



## Cable Glands, Metal - IP68

Description	Thread - size	Wire Range - Dia (mm)	L/L1 (mm)	SW1/SW2 (mm)	Order no.
VG M20 - MS68	M20	6 - 12	34.5 / 8	22	1772220000
VG M25 - MS68	M25	10 - 14	35.7 / 8	24 / 27	1772230000
VG M32 - MS68	M32	13 - 18	42 / 9	30 / 34	1772240000
VG 11 - MS68	PG11	5 - 10	32 / 6	20	1569080000
VG 16 - MS68	PG16	10 - 14	34.5 / 6.5	24	1569100000
VG 21 - MS68	PG21	13 - 18	39.7 / 7.2	30	1569110000
VG 29 - MS68	PG29	18 - 25	46.5 / 8	40	1569120000

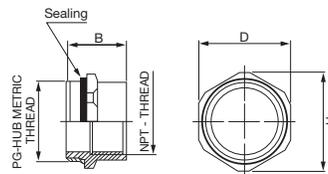
Specifications	
Material:	Brass, Nickel - plated
Seal Insert:	Nitrile and Chlorprene Rubber
Clamp Insert:	Polyamide
Temperature Range:	-40°C...+100°C
Protection:	IP68



## Cable Glands, Plastic - IP68

Description	Thread - size	Wire Range - Dia (mm)	L/L1 (mm)	SW1/SW2 (mm)	Order no.
VG M20 - 1/K68	M20	6 - 12	39.5 / 10	24	1772300000
VG M25 - K68	M25	10 - 14	47 / 10	33	1772310000
VG M32 - K68	M32	18 - 25	56 / 15	42	1772320000
VG 11 - K68	PG11	5 - 10	37 / 8	22	1568990000
VG 16 - K68	PG16	10 - 14	42 / 10	27	1569010000
VG 21 - K68	PG21	13 - 18	48 / 11	33	1569020000
VG 29 - K68	PG29	18 - 25	52 / 11	42	1569030000

Specifications	
Material:	Polyamide 6 / Light Grey
Seal Insert:	Chlorprene Rubber
Temperature Range:	-30°C...+100°C
Protection:	IP68
Flammability Rating:	V2



## Cable Adapters - Metric to NPT

Description	Thread - size	NPT	B (mm)	H (mm)	D (mm)	Order no.
ADAP M20 - NPT1/2 - W	M20	1/2"	38	28.5	26	1262860000
ADAP M20 - NPT3/4 - W	M20	3/4"	39	33	30	1262870000
ADAP M25 - NPT3/4 - W	M25	3/4"	39	33	30	1262890000
ADAP M25 - NPT1 - W	M25	1"	39	39.5	36	1262900000
ADAP M32 - NPT3/4 - W	M32	3/4"	21	44	40	1262910000
ADAP M32 - NPT1 - W	M32	1"	39	41.5	38	1262930000
ADAP M40 - NPT1 - W	M40	1"	22	55.5	50	1262960000
ADAP M40 - NPT1 - 1/4 - W	M40	1 - 1/4"	39	52	48	1262970000
ADAP M40 - NPT1 - 1/2 - W	M40	1 - 1/2"	39	61	55	1262980000

Specifications	
Material:	Brass, Nickel - plated
Temperature Range:	-40°C...+100°C
Protection:	IP54

# Installation of Heavy Duty Connectors

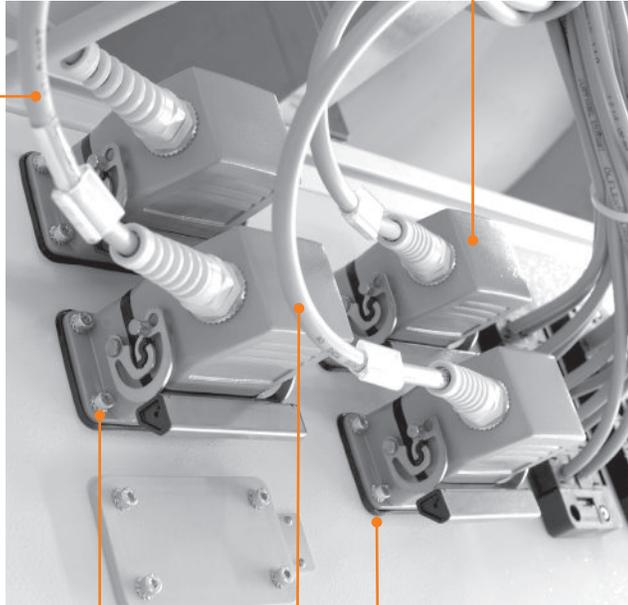
Greater precision for more reliable results

## Cutting

### Cutting tool

The specially shaped cutting formations of our KT tools always ensure a smooth and straight cut without wire deformation.

**KT 45 R** 9202040000



## Assembly

### Torque screwdriver

Exactly the right torque is essential when precise and effective work as well as high repeatability are required. The manual torque screwdriver guarantees safety and compliance with IP protection classes.

**DMSI manual 0.5 - 1.7** 9918390000

**DMSI manual 2.0 - 7.0** 9918400000



## Sheath stripping

### Stripping tool

Thanks to the integrated ratchet, you work the AM - X like a can opener. Fatigue-free and slip-proof. Cables with a diameter of 25 mm or more can be stripped with ease.

**AM - X** 2625720000



## Crimping

### Automated machines and hand tools

Whether manual or automated, our crimping tools create perfect connections. Positioning aids on the hand tools ensure easy handling.

**CTIN CM 1.6/2.5** 9205430000

**CTX CM 1.6/2.5** 9018490000

**CA Indent** on request



### Electro - hydraulic battery crimping tool

The EPG series offers a wide range of solutions for crimping tubular cable lugs up to 400 mm<sup>2</sup>.

**EPG 45** 1500830000

**EPG 60** 2453810000



## Punching

### Hydraulic sheet metal punch

With the hydraulic sheet metal punch you can punch precisely fitting holes for the attachment of heavy-duty connectors.

**IE - KO - HAT** 1966810000

**KOK - 86X36** 9204850000

Housing Size	Description	Order no.
Size 3 Punch	KOK - 52X36	<b>9204820000</b>
Size 4 Punch	KOK - 65X36	<b>9204830000</b>
Size 6 Punch	KOK - 86X36	<b>9204850000</b>
Size 8 Punch	KOK - 112X36	<b>9204870000</b>



## Tool Tip

### The problem:

Manual processing of enclosure walls quickly leads to errors and deviations that jeopardize compliance with IP protection classes.

### The solution:

With the hydraulic sheet metal punch IE - KO - HAT, the sheet metal is not bent during punching and is automatically grained at the points intended for the hole. The heavy duty connector fits and the IP protection class is guaranteed.

### Discover more about Weidmuller's professional tools

With Weidmuller's professional tools, you can do your work faster, better and more precisely than ever before.



# Weidmuller – Your Partner in Smart Industrial Connectivity

As experienced experts we support our customers and partners around the world with products, solutions and services in the industrial environment of power, signal and data. We are at home in their industries and markets and know the technological challenges of tomorrow. We are therefore continuously developing innovative, sustainable and useful solutions for their individual needs. Together we set standards in Smart Industrial Connectivity.

## Discover more about Weidmuller's heavy duty connectors

Contact us today at [weidmuller.com/sales](http://weidmuller.com/sales) to learn more about how our HDC SNAP IN kits can help you achieve your goals from the control cabinet to the field.



[www.weidmuller.com](http://www.weidmuller.com)



[weidmuller.com/hdc-snapin-kits](http://weidmuller.com/hdc-snapin-kits)

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**Weidmüller** 

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