



Weidmüller 

Heavy Duty Connectors - Rockstar®



Rockstar® Heavy Duty Connectors

The full range of rugged connectors for every application

IP 65 Aluminum Housings



IP 68 EMC Aluminum Housings



Fixed Pole Inserts



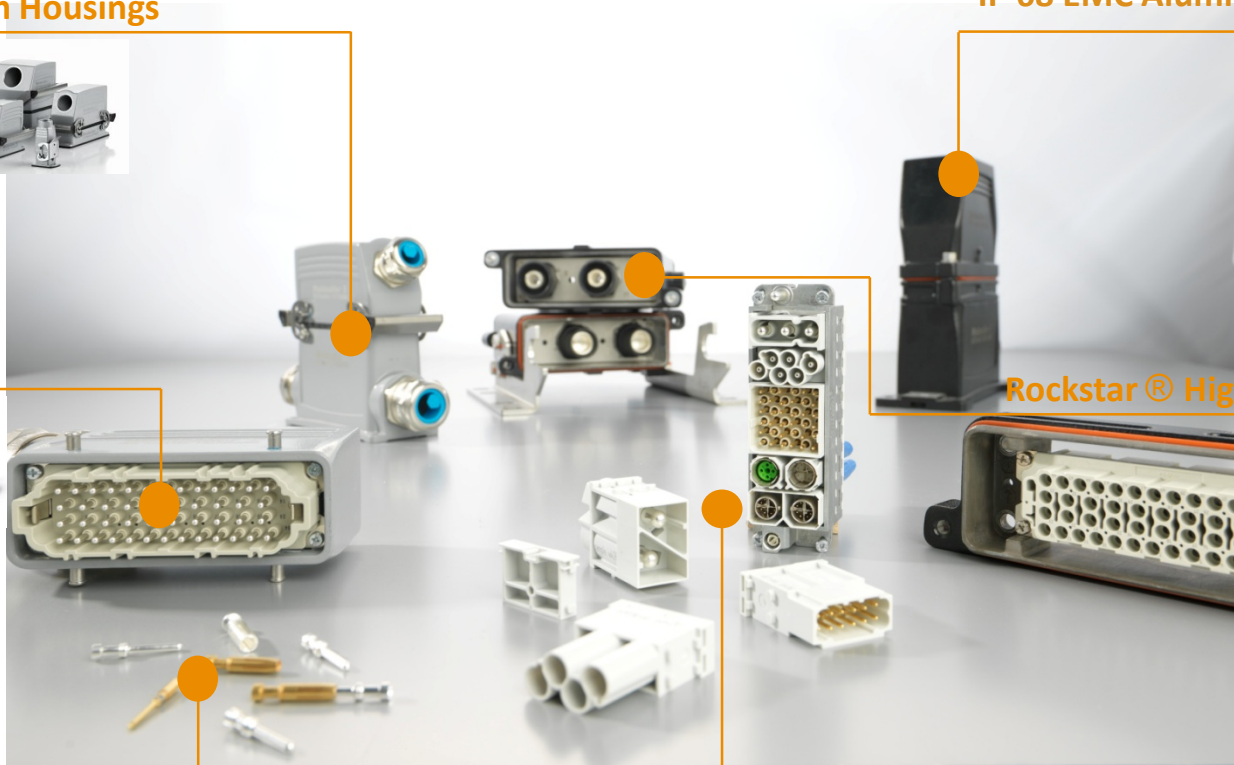
Rockstar® High Power 250 / 550



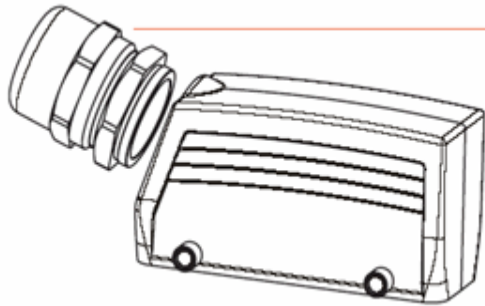
Crimp Contacts



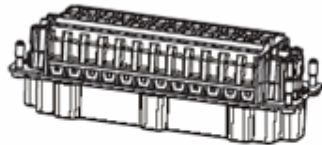
Rockstar® ModuPlug Modular System



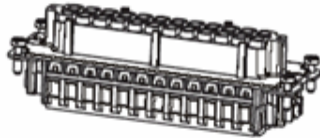
HDC – The System



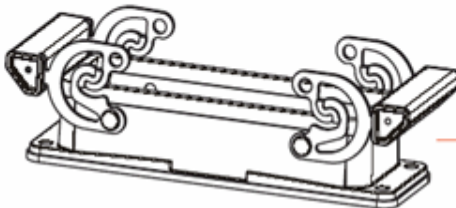
- Cable Gland
- Housing upper part



- Male connector insert



- Female connector insert



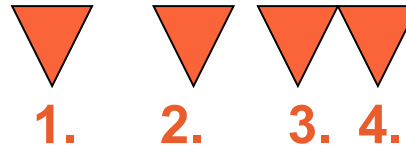
- Housing lower part

HDC – Fixed Pole Inserts

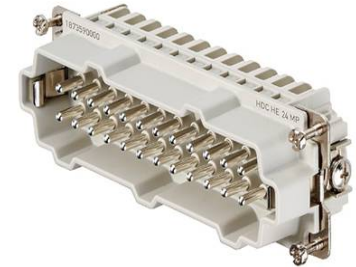
- Standard inserts that are compatible to competitors' products
- Large assortment of connectors for signal and power
- Free choice of the connection technology
 - HE **Push In**
 - HE **Screw**
 - HE **Crimp**
 - HE **Tension Clamp**
- UL and CSA Ratings
- Inserts in all important sizes
 - size: 1,2,3,4,5,6,7,8,9,10 and 12

HDC – Part number Designation

HDC HE 16 MC



HDC: Heavy Duty Connector



1. Series *Digit 5-7*

HA
HE
HEE
HD
HDD
HVE
HSB
HQ
Mixmate (S4, S4 0, S6 12, S6 6)

2. Amount of Poles *Digit 9-12*

3-216

3. Type *Digit 14*

F = Female
M = Male

4. Connection/ Contact *Digit 15*

S = Screw
T = Tension Clamp
P = Push In
C = Crimp (*turned*)

HDC – Fixed Inserts Series

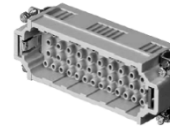
Series HA



Series HE



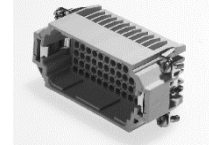
Series HEE



Series HD



Series HDD



Series	HA (Slim Connectors)	HE (Universal)	HEE (High Density for standard contacts)	HD (High Density for signal and fiber optic contacts)	HDD (High Density for turned contacts)
Pole number + h	3-48 3,4,10,16,32,48	6-48 6,10,16,24,32,48	10-46 10,18,32,46	7-128 7,8,15,16,24,25,40, 50,64,80,128	24-216 24,42,72,108,144, 216
Voltage	600V	600V	600V	600V	600V
Current	(10) 16A – 20A	20A	16A	15-16A	10A
Connection	Screw, Crimp, Tension Clamp	Screw, Crimp, Tension Clamp, Push In	Crimp	Crimp	Crimp
Size	1,2,5,7,9	3,4,6,8,10,12	3,4,6,8	1,2,3,4,5,6,7,8,10,12	3,4,6,8,10,12

HDC – Packaging

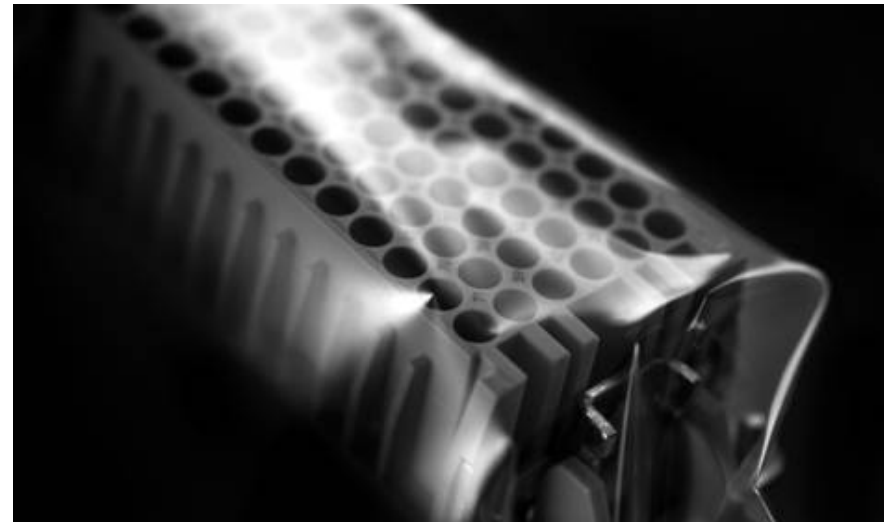
Product Attributes

- Dust and moisture cannot enter
- Single item pull

Customer Benefits

- Direct visual identification of the product when it is taken from stock
- Delivery to customers in individually chosen quantities
- Protection against dust and moistened atmospheres
- No dirty open cardboard packages

Each HDC is packed into a single transparent plastic bag.



HDC – IP65 Housings

Laser marking on the housings – easy identification

- The only HDC housing in the market with lasered identification!
- Increased Grip Area (both sides)
- With **manufacturer logo**, **brand name** and **article number**



HDC – NEMA Approval

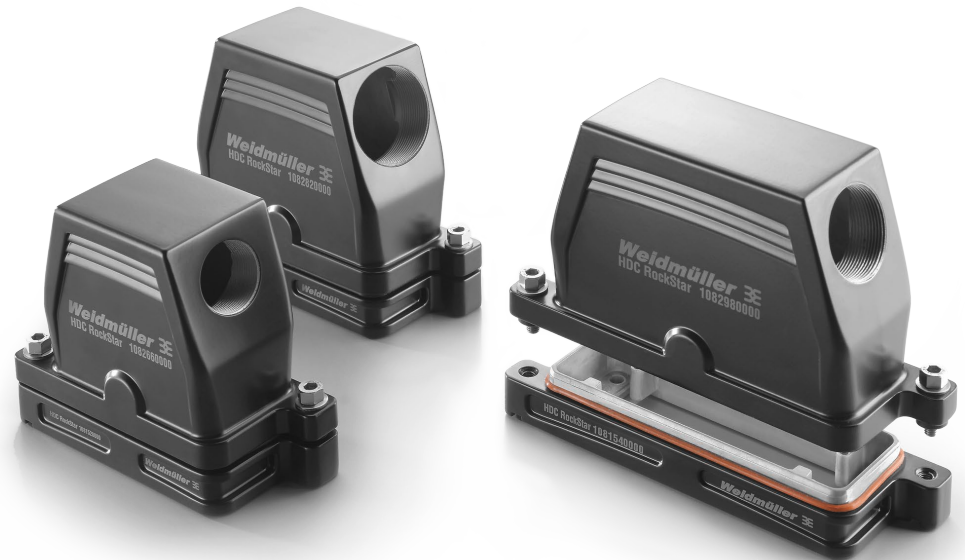
Product Attributes

- Can be used internally or externally
- Protection against corrosion, rain, impact of other objects, squirting or jet water
- Protection against damage by ice formation to the exterior of the housing
- UL NEMA 4X Tested
- Additional ratings IP65 & CSA



HDC – IP68 Version

- No CSA/UL – Potential UL by Project
- Protection Degree IP68 & IP69K
- High Impact Resistance (7 Nm)
- High Shielding Effectiveness (EMC)
- Easy Hex Drive Locking System
- Laser Marked with Part Number
- Lightweight Aluminum Die Cast
- Silicone Gasket (instead of NBR)
- Temp Rating -50°C to 120°C/ -58°F to 248°F
- Housing Sizes 1, 3, 4, 6, 8 and 8 XXL
- Milled Cable Entry (burr-free)





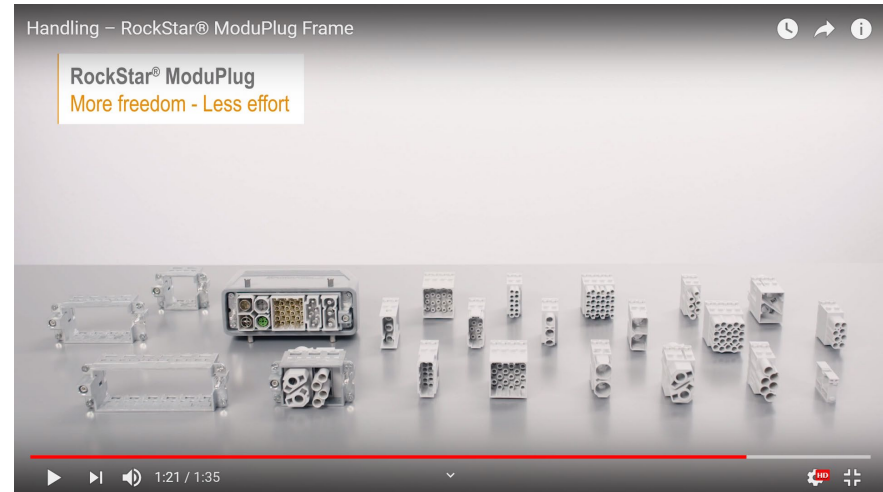
Weidmüller 

NEW Product Preview: RockStar® ModuPlug Inserts



HDC Moduplug - Resources

Modulug Frame Handling video



Moduplug Online Configurator

