

**HDC kits
HDC HP550 KIT 3F**

Weidmüller Interface GmbH & Co. KG
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The RockStar® HighPower system, with its completely newly developed and coordinated components in three and four pin versions, represents a novel product solution for pluggable energy transmission – failure-free

The RockStar® HighPower system has a modular design and offers the customer a multitude of product solutions for all kinds of application sites and requirements.

The RockStar® HighPower end-wall connector is impact-resistant, water and dust-proof and was built to comply with DIN EN 61373 CAT 1b (bogie) requirements.

The overall structure has been adapted to the confined space of wagon-to-wagon coupling - small, light and powerful

General ordering data

Type	HDC HP550 KIT 3F
Order No.	1396260000
Version	HDC kits, 1500 V, 550 A, Number of poles: 3, Screw connection
GTIN (EAN)	4050118197648
Qty.	1 pc(s).

Data sheet

HDC kits HDC HP550 KIT 3F

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Technical data

Dimensions and weights

Length	162 mm	Length (inches)	6.378 inch
Width	200 mm	Width (inches)	7.874 inch
Net weight	5,760 g		

Temperatures

Limit temperature -40 °C ... 120 °C

Environmental Product Compliance

REACH SVHC Lead 7439-92-1

General data

Colour	black (similar to RAL 9005)	Connection type PE	Screw connection
Contact material	Copper alloy	Enclosure material	Aluminium diecast
Seal material	Silicone rubber	Series	HighPower
Surface finish	Powder coating	Type of connection	Screw connection

Classifications

ETIM 6.0	EC002641	ETIM 7.0	EC002641
eClass 9.0	27-44-03-06	eClass 9.1	27-44-01-90
eClass 10.0	27-44-03-06		

Approvals

Approvals



ROHS Conform

Downloads

Brochure/Catalogue	FL FIELDWIRING EN
Engineering Data	EPLAN
Engineering Data	STEP
User Documentation	1487740000_01_05_14_BPZ_HDC_HP_BOX_ICX_WEB.pdf 58230_HDC_HP550_KIT_3F_00_BLATT.pdf

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Accessories

Cable glands



With blueglobe®, Weidmüller has introduced a cable gland from Pflitsch into its portfolio that convinces both in terms of reliability and functionality. A large sealing range from 1.5 to 77 mm thanks to removable inlets with just 11 cable glands, highly effective sealing, excellent strain relief and a groove-guided upstream O-ring – these are the features of the blueglobe® cable glands which Weidmüller offers in brass and stainless steel. The heart of the blueglobe® cable gland is the spherical seal insert that squeezes the cable gently and over a large area. This permanently avoids the incisive notch effect that is common with lamella systems.

General ordering data

Type	VGM40-SS68 20-32 BG	Version
Order No.	1193590000	Heavy-duty connectors, Accessories, Cable glands, Stainless steel
GTIN (EAN)	4032248976614	1.4305 (303)
Qty.	10 pc(s).	
Type	VGM40-MS68 20-32 BG	Version
Order No.	1193620000	Heavy-duty connectors, Accessories, Cable glands, Brass, nickel-plated
GTIN (EAN)	4032248976577	
Qty.	10 pc(s).	

Accessories



Accessories especially suitable for the demands of wagon-to-wagon coupling have been developed for the HighPower end-wall connectors and thus significantly enhance the added value of the plug-in connectors. Easy-to-install coding pins ensure reverse polarity protection, plastic cover caps provide sufficient dust protection, while aluminium covers are designed to be absolutely water and dust-proof. The accessories intelligently round off the overall system.

General ordering data

Type	HDC HP550 CP	Version
Order No.	1475840000	HDC enclosures
GTIN (EAN)	4050118282511	
Qty.	200 pc(s).	

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Housings



The protective housing is manufactured from seawater-resistant aluminium using pressure die casting. High standards of water and dust protection, as well as particularly high impact resistance, are the hallmarks of this housing series. A sophisticated two-stage surface coating ensures years of reliability. All screws, crimp contacts and other exterior accessory parts are made of corrosion-resistant stainless steel.

General ordering data

Type	HDC HP ABGH COVER	Version
Order No.	1473470000	HDC enclosures, Cover
GTIN (EAN)	4050118279917	
Qty.	1 pc(s).	

Kits



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General ordering data

Type	HDC HP550 KIT 3M185	Version
Order No.	1506850000	HDC kits, 1500 V, 550 A, Number of poles: 3, Crimp connection
GTIN (EAN)	4050118315370	
Qty.	1 pc(s).	
Type	HDC HP550 KIT 1M 120	Version
Order No.	1470130000	HDC kits, 1500 V, 550 A, Number of poles: 1, Crimp connection
GTIN (EAN)	4050118276497	
Qty.	1 pc(s).	
Type	HDC HP550 KIT 1M 185	Version
Order No.	1488220000	HDC kits, 1500 V, 550 A, Number of poles: 1, Crimp connection
GTIN (EAN)	4050118298475	
Qty.	1 pc(s).	