

**HDC kits
HDC HP550 KIT 1M 120**

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 1M 120
Order No.	1470130000
Version	HDC kits, 1500 V, 550 A, Number of poles: 1, Crimp connection
GTIN (EAN)	4050118276497
Qty.	1 pc(s).

Data sheet

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Technical data

Dimensions and weights

Width	57 mm	Width (inches)	2.244 inch
Height	140 mm	Height (inches)	5.512 inch
Depth	85 mm	Depth (inches)	3.346 inch
Net weight	665.09 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)	Contact material	Copper alloy
Enclosure material	Aluminium diecast	Seal material	EPDM
Series	HighPower	Surface finish	Powder coating
Type of connection	Crimp connection		

Classifications

ETIM 6.0	EC000437	ETIM 7.0	EC000437
eClass 9.0	27-44-02-02	eClass 9.1	27-44-02-02
eClass 10.0	27-44-02-02		

Approvals

ROHS Conform

Downloads

Brochure/Catalogue	FL FIELDWIRING EN
Engineering Data	EPLAN
Engineering Data	STEP
User Documentation	1487750000_01_04_14_BPZ_HDC_HP_STGH_ICX_web.pdf 58232_HDC_HP550_KIT_1M_120_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 MTA 3P SET	Version
Order No.	1488230000	HDC enclosures, Number of poles: 3
GTIN (EAN)	4050118298291	
Qty.	1 pc(s).	
Type	HDC HP550 CP	Version
Order No.	1475840000	HDC enclosures
GTIN (EAN)	4050118282511	
Qty.	200 pc(s).	
Type	HDC HP550 MTA 4P SET	Version
Order No.	1488280000	HDC enclosures, Number of poles: 4
GTIN (EAN)	4050118298390	
Qty.	1 pc(s).	

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Accessories

Type	HDC HP SUKA 1P 550A	Version	
Order No.	1479130000	HDC enclosures	
GTIN (EAN)	4050118373608		
Qty.	10 pc(s).		

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 HP550 ABGH BG	Version	
Order No.	1475700000	HDC enclosures, 1500 V, Screw connection	
GTIN (EAN)	4050118282313		
Qty.	1 pc(s).		
Type	HDC HP ABGH COVER	Version	
Order No.	1473470000	HDC enclosures, Cover	
GTIN (EAN)	4050118279917		
Qty.	1 pc(s).		
Type	HDC HP550 ABGH 1P	Version	
Order No.	1535420000	HDC enclosures, 1500 V, 550 A, Number of poles: 1	
GTIN (EAN)	4050118339444		
Qty.	1 pc(s).		