

HDC HP550 KIT 1M 185**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com



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

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

Creation date December 4, 2023 10:44:31 AM CET

Catalogue status 24.11.2023 / We reserve the right to make technical changes.

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Technical data

Dimensions and weights

Depth	85 mm	Depth (inches)	3.346 inch
Height	140 mm	Height (inches)	5.512 inch
Width	57 mm	Width (inches)	2.244 inch
Net weight	679.67 g		

Temperatures

Limit temperature	-40 °C ... 120 °C
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Dimensions

Width	57 mm
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General data

Colour	black (similar to RAL 9005)	Conductor cross-section, max.	185 mm ²
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
ETIM 8.0	EC000437	ETIM 9.0	EC000437
ECLASS 9.0	27-44-02-02	ECLASS 9.1	27-44-02-02
ECLASS 10.0	27-44-02-02	ECLASS 11.0	27-44-02-02
ECLASS 12.0	27-44-02-02	ECLASS 13.0	27440202

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
SCIP	a1b198df-2a58-40a5-bb31-ff1a2bb12993

Approvals

ROHS	Conform
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Downloads

Engineering Data	CAD data – STEP
User Documentation	1487750000_01_04_14_BPZ_HDC_HP_STGH_ICX_web.pdf 58989_HDC_HP550_KIT_1M_185_00_BLATT.pdf
Catalogues	Catalogues in PDF-format
Brochures	FL FIELDWIRING EN

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Accessories

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).	

IP68 version acc. to EN 45545



In addition to the extensive range of enclosures, Weidmüller offers a variety of cable glands for a wide range of applications. The cable glands made of brass, plastic and stainless steel meet the most various IP protection classes to suit any industrial enclosure. Depending on the series of cable glands and the application, the cable glands are approved and tested according to VDE, UL, UR, cULus, DNV GL or EN 45545.

General ordering data

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).	

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Accessories

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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).	

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 HP SUKA 1P 550A	Version
Order No.	1479130000	HDC enclosures
GTIN (EAN)	4050118373608	
Qty.	10 pc(s).	
Type	HDC HP550 CP	Version
Order No.	1475840000	HDC enclosures
GTIN (EAN)	4050118282511	
Qty.	200 pc(s).	
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 MTA 4P SET	Version
Order No.	1488280000	HDC enclosures, Number of poles: 4
GTIN (EAN)	4050118298390	
Qty.	1 pc(s).	