

HDC HP550 KIT 4M120**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	RockStar® HDC kits-Heavy-duty connectors, Plug-in connector, HighPower, 1500 V, 550 A, diecast aluminium, Plug housing
Order No.	1506860000
Type	HDC HP550 KIT 4M120
GTIN (EAN)	4050118315233
Qty.	1 items

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Technical data

Approvals

ROHS	Conform
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Dimensions and weights

Net weight	3112 g
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Temperatures

Limit temperature	-40 °C ... 120 °C
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Environmental Product Compliance

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6c
REACH SVHC	Lead 7439-92-1
SCIP	a1b198df-2a58-40a5-bb31-ff1a2bb12993

General data

Number of poles	4	Type of connection	Crimp connection
Design of housing	Plug housing	UL 94 flammability rating	V-0
Colour	black (similar to RAL 9005)	Housing main material	diecast aluminium
Surface finish	Powder coating	Series	HighPower
Rated voltage (DIN EN 61984)	1500 V	Rated impulse voltage (DIN EN 61984)	10 kV
Rated current (DIN EN 61984)	550 A	Free from halogens	false
Material of locking element	Stainless steel, rust-proof	Protection degree	IP68 when locked

General data

Type of connection	Crimp connection	Colour	black (similar to RAL 9005)
Conductor cross-section, max.	120 mm ²	Surface finish	Powder coating
Enclosure material	Aluminium diecast	Series	HighPower
Material of gasket	EPDM	Material of contact	Copper alloy

Important note

Product information	Depending on the intended operation, internally generated voltages can superimpose the working voltage and contain corresponding peaks. It is imperative to ensure that these peak voltages do not exceed the rated voltage. For applications outside of this specification, please contact us.
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Classifications

ETIM 8.0	EC002641	ETIM 9.0	EC002641
ETIM 10.0	EC002641	ECLASS 14.0	27-44-03-06
ECLASS 15.0	27-44-03-06		

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Accessories

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 ST	
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 ST	

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, 0 V, Number of poles: 0, Screw connection, Installation size: Miscellaneous
GTIN (EAN)	4050118282511	
Qty.	200 ST	
Type	HDC HP SUKA 1P 550A	Version
Order No.	1479130000	HDC enclosures
GTIN (EAN)	4050118373608	
Qty.	10 ST	

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www.weidmueller.com**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 1P	Version
Order No.	1535420000	HDC enclosures, 1500 V, 550 A, Number of poles: 1, Installation size:
GTIN (EAN)	4050118339444	550
Qty.	1 ST	
Type	HDC HP550 ABGH BG	Version
Order No.	1475700000	HDC enclosures, 1500 V, Screw connection, Installation size: 550
GTIN (EAN)	4050118282313	
Qty.	1 ST	