

HDC HP550 KIT 4F

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: 4, Screw connection
Order No.	1396250000
Type	HDC HP550 KIT 4F
GTIN (EAN)	4050118197631
Qty.	1 items

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Technical data

Approvals

ROHS	Conform
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Dimensions and weights

Depth	229 mm	Depth (inches)	9.0157 inch
Height	162 mm	Height (inches)	6.3779 inch
Width	260 mm	Width (inches)	10.2362 inch
Length	162 mm	Length (inches)	6.3779 inch
Net weight	7270 g		

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

Dimensions

Width	260 mm
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General data

Number of poles	4	Type of connection	Screw connection
Design of housing	Base housing	UL 94 flammability rating	V-0
Colour	black (similar to RAL 9005)	Housing main material	diecast aluminium
Surface finish	Powder coating	Basic material	diecast aluminium
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	Protection degree	IP68 when locked

General data

Connection type PE	Screw connection	Type of connection	Screw connection
Colour	black (similar to RAL 9005)	Surface finish	Powder coating
Enclosure material	Aluminium diecast	Basic material	diecast aluminium
Series	HighPower	Material of gasket	Silicone rubber
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

Technical data

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,
GTIN (EAN)	4050118282511	Installation size: Miscellaneous
Qty.	200 ST	

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.

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Accessories

General ordering data

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

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 ST		
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 ST		