

HDC HP550 KIT 4M120

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

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Germany

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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

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

Dimensions and weights

Net weight 3112 g

Temperatures

Limit temperature -40 °C ... 120 °C

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.

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		