

**HDC insert
HDC HP 550 F 50**

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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 HP 550 F 50
Order No.	1177100000
Version	HDC insert, Female, 3000 V, 550 A, Crimp connection, Size: 550
GTIN (EAN)	4032248970919
Qty.	1 pc(s).

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Technical data**Dimensions and weights**

Length	98.3 mm	Length (inches)	3.87 inch
Net weight	203.46 g	Diameter	43 mm

Temperatures

Limit temperature	-50 °C ... 120 °C
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General data

Colour	Black	Contact diameter, male Ø	23.5 mm
Material	Copper alloy	Production methods	turned
Series	HighPower	Stripping length, rated connection	30 mm
Surface finish	Silver passivated	Type	Female
Type of connection	Crimp connection	Version insert	HighPower 550 A
Volume resistance	≤ 0.1 mΩ		

Power contact

Rated current (DIN EN 61984), power contact	550 A	Rated impulse voltage (DIN EN 61984), power contact	15 kV
Rated voltage (DIN EN 61984), power contact	3,000 V	Stripping length, performance contact	30 mm
Type of connection, power contact	Crimp connection		

Classifications

ETIM 3.0	EC000796	ETIM 4.0	EC001322
ETIM 5.0	EC001322	ETIM 6.0	EC000796
UNSPSC	30-21-18-01	eClass 5.1	27-14-34-19
eClass 6.2	27-14-34-11	eClass 7.1	27-44-02-05
eClass 8.1	27-44-02-05	eClass 9.0	27-44-02-05
eClass 9.1	27-44-02-04		

Product information

Descriptive text technical data	In the version described here, the crimp contacts can be used for crimp connections with flexible, stranded, and finely stranded copper wires (according to DIN 48201 part 1 and DIN 57 295 VDE 0295) or with crimping inserts (according to DIN 48083 part 1, part 3 and part 4). We are happy to provide crimp contacts to meet your requirements.
Descriptive text accessories	For further accessories, see chapter J - tools, see chapter K

Approvals

Approvals



ROHS Conform

Downloads

Brochure/Catalogue	CAT 3 HDC 17/18 EN FL FIELDWIRING EN
Engineering Data	EPLAN

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Data sheet

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Drawings

