

**HDC insert
HDC HP 550 F 50****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 16

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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

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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Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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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	27-44-02-04
eClass 9.1	27-44-02-04		

Approvals

Approvals



ROHS	Conform
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Downloads

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

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Drawings

