

**HDC insert
HDC HP 550 M 25****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 16

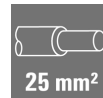
D-32758 Detmold

Germany

Fon: +49 5231 14-0

Fax: +49 5231 14-292083

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

Type	HDC HP 550 M 25
Order No.	1220580000
Version	HDC insert, Pin, 3000 V, 550 A, Crimp connection, Size: 550
GTIN (EAN)	4050118003857
Qty.	1 pc(s).

HDC insert HDC HP 550 M 25

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 16
 D-32758 Detmold
 Germany
 Fon: +49 5231 14-0
 Fax: +49 5231 14-292083
 www.weidmueller.com

Technical data

Dimensions and weights

Length	91 mm	Length (inches)	3.583 inch
Net weight	125 g	Diameter	43 mm

Temperatures

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

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
------------	----------------

General data

Colour	black	Contact diameter, male Ø	18 mm
Material	Copper alloy	Production methods	turned
Series	HighPower	Stripping length, rated connection	30 mm
Surface finish	Silver passivated	Type	Pin
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	EC001322	ETIM 4.0	EC001322
ETIM 5.0	EC001322	ETIM 6.0	EC000796
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
------	---------

Downloads

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

HDC insert HDC HP 550 M 25

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com

Drawings

