

**HDC insert
HDC HE 16 MP****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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www.weidmueller.com



The PUSH IN connection is a direct-insert method of connection. The prepared wire can be inserted directly into the wire connection level without the need for any additional tools.

PUSH IN technology

General ordering data

Type	HDC HE 16 MP
Order No.	1873570000
Version	HDC insert, Pin, 500 V, 16 A, Number of poles: 16, PUSH IN, Size: 6
GTIN (EAN)	4032248458189
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Width	34	Width (inches)	1.339 inch
Height	34.3 mm	Height (inches)	1.35 inch
Depth	84.5 mm	Depth (inches)	3.327 inch
Net weight	78 g		

Temperatures

Limit temperature	-40 °C ... 125 °C
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Environmental Product Compliance

REACH SVHC	Lead 7439-92-1, Potassium perfluorobutane sulfonate 29420-49-3
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Dimensions

Height of plug	34.3 mm	Total length base	84.5 mm
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General data

Insulating material	PC glass-fibre reinforced (UL-listed and railway- certified)	Insulating material group	IIIa
Insulation strength	$10^{10} \Omega$	Material	Copper alloy
Number of poles	16	Plugging cycles, silver	≥ 500
Pollution severity	3	Rated current (DIN EN 61984)	16 A
Rated impulse voltage (DIN EN 61984)	6 kV	Rated voltage (DIN EN 61984)	500 V
Rated voltage according to UL/CSA	600 V AC/DC	Series	HE
Size	6	Surface finish	Silver passivated
Type	Pin	UL 94 flammability rating	V-0
Volume resistance	$\leq 2\text{m}\Omega$		

Connection data PE

Blade size, crosshead	size PH 1	Blade size, slotted (PE connection)	SD 0.8 x 4.0
Connection type PE	Screw connection	Fixing screw	M 4
Rated cross-section	4 mm ²	Stripping length PE connection	10 mm
Tightening torque, max. PE connection	1.5 Nm	Tightening torque, min. PE connection	1.2 Nm
Wire connection cross section, finely stranded, max.	2.5 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	1.5 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.5 mm ²	Wire connection cross-section, finely stranded, min.	0.5 mm ²
Wire cross section, AWG (PE), max.	AWG 12	Wire cross section, AWG (PE), min.	AWG 20
Wire cross-section, solid, max.	1.5 mm ²	Wire cross-section, solid, min.	0.5 mm ²

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Technical data

Version

Blade size, slotted (screw connection)	SD 0.5 x 3.0	Conductor cross-section, max.	2.5 mm ²
Conductor cross-section, min.	0.5 mm ²	Material	Copper alloy
Size	6	Stripping length, rated connection	10 mm
Surface finish	Silver passivated	Type of connection	PUSH IN
Volume resistance	≤ 2 mΩ	Wire connection cross section, finely stranded, max.	2.5 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	2.5 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.5 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	1.5 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.5 mm ²
Wire connection cross-section, finely stranded, min.	0.5 mm ²	Wire cross-section, solid, max.	1.5 mm ²
Wire cross-section, solid, min.	0.5 mm ²		

Classifications

ETIM 6.0	EC000438	ETIM 7.0	EC000438
eClass 9.0	27-44-02-05	eClass 9.1	27-44-02-05
eClass 10.0	27-44-02-05	UNSPSC	30-21-18-01

Approvals

Approvals



ROHS Conform

Downloads

Brochure/Catalogue	CAT 3 HDC 17/18 EN FL FIELDWIRING EN
Engineering Data	EPLAN, WSCAD, Zuken E3.S
Engineering Data	STEP
Technical Documentation	1873570000_HDC_HE_16_MP_STP_Blatt_1.pdf

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Drawings

