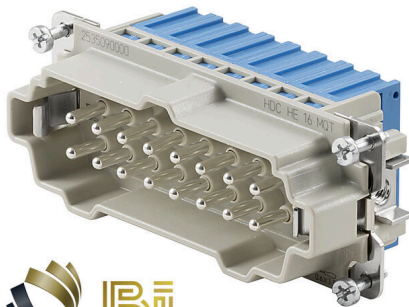


HDC HE 16 N MQT BL

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

SNAP IN 

With the SNAP IN connection, the conductor connection level is already open and the stripped connector can be simply inserted. In the end position, the patented clamping mechanism closes automatically. As a result, it requires virtually no maintenance and a safe, permanent and vibration-proof connection is established. Weidmüller is therefore the first and only manufacturer to offer this innovative connection system.

General ordering data

Version	HDC insert, Male, 500 V, 16 A, Number of poles: 16, SNAP IN, Installation size: 6
Order No.	2535090000
Type	HDC HE 16 N MQT BL
GTIN (EAN)	4050118578225
Qty.	1 items

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Technical data

Approvals

Approvals



ROHS Conform

UL File Number Search [UL Website](#)

Certificate No. (cURus) E92202

Dimensions and weights

Depth	84.5 mm	Depth (inches)	3.3268 inch
Height	36.9 mm	Height (inches)	1.4528 inch
Width	34 mm	Width (inches)	1.3386 inch
Net weight	78 g		

Temperatures

Limit temperature -40 °C ... 125 °C

Environmental Product Compliance

RoHS Compliance Status Compliant with exemption

RoHS Exemption (if applicable/known) 6c

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

SCIP e98b2b24-ba23-41bf-8d19-0dda3647412f

Dimensions

Width 34 mm

General data

Number of poles	16	
Plugging cycles, silver	≥ 500	
Plugging cycles, gold	≥ 500	
Type of connection	SNAP IN	
Installation size	6	
UL 94 flammability rating	V-0	
Volume resistance	≤2 mΩ	
Insulation resistance	1010 Ω	
Insulating material	PC glass-fibre reinforced (UL-listed and railway-certified), PA 66/6	
Insulating material group	IIIa	
Surface finish	Silver passivated	
Type	Male	
Pollution severity	3	
Basic material	Copper alloy	
Series	HE	
Rated voltage (DIN EN 61984)	500 V	
Rated voltage according to UL/CSA	600 V AC/DC	
Rated impulse voltage (DIN EN 61984)	6 kV	
Rated current (DIN EN 61984)	16 A	
Rated current (UR)	Wire connection cross section AWG	AWG 18
	Rated current	7 A
Rated current (cUR)	Wire connection cross section AWG	AWG 18
	Rated current	7.1 A

Creation date 17.02.2026 09:17:54 MEZ

Catalogue status / Drawings

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Technical data

Free from halogens	true
Low smoke acc. DIN EN 45545-2	Yes
BG	6
Number of signal contacts	0
Number of power contacts	16

Connection data PE

Connection type PE	Screw connection	Blade size, slotted (PE connection)	SD 0.8 x 4.0
Stripping length PE connection	10 mm	Tightening torque, max. PE connection	1.5 Nm
Tightening torque, min. PE connection	1.2 Nm	Fixing screw	M 4
Rated cross-section	4 mm ²	Wire cross section, AWG (PE), min.	AWG 20
Wire cross section, AWG (PE), max.	AWG 12		

Version

Wire connection cross section AWG, max.	AWG 16	Stripping length, rated connection	10 mm
Type of connection	SNAP IN	Installation size	6
Volume resistance	≤2 mΩ	Blade size	SD 0.6 x 3.5
Wire connection cross section AWG, min.	AWG 20	Wire cross-section, solid, max.	2.5 mm ²
Wire cross-section, solid, min.	0.5 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.	0.34 mm ²	Wire connection cross section, finely stranded, max.	2.5 mm ²
Wire connection cross section, finely stranded, min.	0.5 mm ²	Conductor cross-section, max.	2.5 mm ²
Conductor cross-section, min.	1 mm ²	Surface finish	Silver passivated
Basic material	Copper alloy	BG	6

Classifications

ETIM 8.0	EC000438	ETIM 9.0	EC000438
ETIM 10.0	EC000438	ECLASS 14.0	27-44-02-05
ECLASS 15.0	27-44-02-05		

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Drawings

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