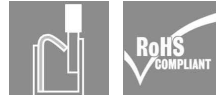


**HDC insert
HDC HE 16 FP**

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

Number of poles: **16**

Rated current: **16 A**

Rated voltage: **500 V**

Nominal voltage acc. to UL/CSA: **600 V AC/DC**

PUSH IN technology

General ordering data

Type	HDC HE 16 FP
Order No.	1873560000
Version	HDC insert, Female, 500 V, 16 A, No. of poles: 16, PUSH IN, Size: 6
GTIN (EAN)	4032248458172
Qty.	1 pc(s).

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Technical data
Dimensions and weights

Length	84.5 mm	Width	34 mm
Height	33.8 mm	Net weight	85 g

Dimensions

Height of socket	33.8 mm	Total length base	84.5 mm
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General data

Size	6	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
UL 94 flammability rating	V-0	Insulating material group	IIIa
Insulation resistance	10 ¹⁰ Ω	Insulating material	PC glass-fibre reinforced (UL-listed and railway-certified)
No. of poles	16	Plugging cycles, silver	≥ 500
Operating temperature range, min.	-40 °C	Operating temperature range, max.	125 °C
Pollution severity	3	Type	Female

Connection data PE

Stripping length PE connection	10 mm	Wire connection cross-section, finely stranded, min.	0.5 mm ²
Wire connection cross section, finely stranded, max.	4 mm ²	Cross-section for connected conductor, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, min.	0.5 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, max.	4 mm ²	Wire connection cross section AWG, min.	AWG 20
Wire connection cross section AWG, max.	AWG 14	Wire cross-section, solid, min.	0.5 mm ²
Wire cross-section, solid, max.	4 mm ²	Connection type PE	Screw connection
Tightening torque, min. PE connection	1.2 Nm	Tightening torque, max. PE connection	1.5 Nm
Rated cross-section	4 mm ²	Fixing screw	M 4
Blade size, crosshead	size PH1	Blade size, slotted (PE connection)	SD 0.8 x 4.0

Rating data

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

Version

Wire connection cross section AWG, min.	AWG 20	Wire connection cross section AWG, max.	AWG 14
Stripping length, rated connection	10 mm	Type of connection	PUSH IN
Size	6	Volume resistance	≤ 2mΩ
Blade size, slotted (screw connection)	SD 0.5 x 3.0	Surface finish	Silver passivated
Material	Copper alloy		

Data sheet

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Technical data

Classifications

ETIM 3.0	EC001121	UNSPSC	30-21-18-01
eClass 5.1	27-14-34-19	eClass 6.2	27-26-12-04
eClass 7.1	27-44-02-05		

Product information

Descriptive text technical data	Rated voltage 630 V / 6 kV at pollution degree 2 wire connection end-ferrules and plastic collars max 1.5 mm ² . The H07V-U4 conductor can be clamped on.
Descriptive text accessories	Accessories, see chapter J - Tools, see chapter K

Approvals

Approvals



ROHS	Conform
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Downloads

PDF	1873560000_HDC_HE_16_FP_STP_Blatt_1.pdf
IGES	1873560000_HDC_HE_16_FP_STP.igs
VRML	1873560000_HDC_HE_16_FP_STP.wrl
3-D model	

Data sheet**HDC insert
HDC HE 16 FP**

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Drawings