

## HDC insert HDC HA 3 MS

**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 small and thin HA series can be used wherever space is limited.

The wire connection level is designed as a screw element.

Number of poles: 3 - 4

Rated current: 16 / 22 A

Rated voltage 250 V

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

Screw connection

### General ordering data

Type	HDC HA 3 MS
Order No.	<a href="#">1498100000</a>
Version	HDC insert, Male, 250 V, 22 A, No. of poles: 3, Screw connection, Size: 1
GTIN (EAN)	4008190048747
Qty.	1 pc(s).

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**Technical data**
**Dimensions and weights**

Length	21 mm	Width	21 mm
Height	27.2 mm	Net weight	15 g

**Dimensions**

Height of plug	27.2 mm	Total length base	21 mm
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**General data**

Size	1	Series	HA
Rated voltage (DIN EN 61984)	250 V	Rated voltage according to UL/CSA	600 V AC/DC
Rated impulse voltage (DIN EN 61984)	4 kV	Rated current (DIN EN 61984)	22 A
UL 94 flammability rating	V-0	Insulating material group	IIIa
Insulation resistance	10 <sup>10</sup> Ω	Insulating material	PC glass-fibre reinforced (UL-listed and railway-certified)
Conductor cross-section	2.5 mm <sup>2</sup>	No. of poles	3
Plugging cycles, silver	≥ 500	Operating temperature range, min.	-40 °C
Operating temperature range, max.	125 °C	Pollution severity	3
Type	Male		

**Connection data PE**

Stripping length PE connection	5 mm	Wire connection cross-section, finely stranded, min.	1 mm <sup>2</sup>
Wire connection cross section, finely stranded, max.	2.5 mm <sup>2</sup>	Cross-section for connected conductor, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, min.	0.75 mm <sup>2</sup>
Wire connection cross-section, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, max.	2.5 mm <sup>2</sup>	Wire connection cross section AWG, min.	AWG 18
Wire connection cross section AWG, max.	AWG 14	Wire cross-section, solid, min.	1 mm <sup>2</sup>
Wire cross-section, solid, max.	2.5 mm <sup>2</sup>	Connection type PE	Screw connection
Tightening torque, max. PE connection	0.3 Nm	Rated cross-section	2.5 mm <sup>2</sup>
Fixing screw	M 3	Blade size, crosshead	size PHO
Blade size, slotted (PE connection)	SD 0.5 x 3.0		

**Rating data**

Rated current (DIN EN 61984)	22 A	Rated impulse voltage (DIN EN 61984)	4 kV
Rated voltage (DIN EN 61984)	250 V	Rated voltage according to UL/CSA	600 V AC/DC

**Version**

Wire connection cross section AWG, min.	AWG 18	Wire connection cross section AWG, max.	AWG 14
Stripping length, rated connection	5 mm	Type of connection	Screw connection
Max. torque for main contact	0.3 Nm	Size	1
Volume resistance	≤ 2mΩ	Clamping screw	M 3
Blade size, slotted (screw connection)	SD 0.5 x 3.0	Surface finish	Silver passivated
Material	Copper alloy		

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**Classifications**

ETIM 2.0	EC001121	ETIM 3.0	EC001121
UNSPSC	30-21-18-01	eClass 4.1	27-14-08-05
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 320 V / 4 kV at pollution degree 2. Use wire-end ferrules without plastic collars and 5 mm length.
Descriptive text accessories	Accessories, see chapter J - Tools, see chapter K

**Approvals**

Approvals



ROHS Conform