

## HDC insert HDC HA 4 FS

**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 slim HA series can be used wherever space is limited.

The wire connection level is designed for screw connections.

Pole count: 3 - 4

Rated current: 16 A

Rated voltage: 400 V

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

TOP screw connection

### General ordering data

Type	HDC HA 4 FS
Order No.	<a href="#">1498400000</a>
Version	HDC insert, Female, 400 V, 16 A, No. of poles: 4, Screw connection, Size: 1
GTIN (EAN)	4008190178741
Qty.	1 pc(s).

## HDC insert HDC HA 4 FS

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

## Technische Daten

### Dimensions and weights

Length	21 mm	Width	21 mm
Height	36.5 mm	Net weight	23 g

### General data

Size	1	Series	HA
Rated voltage (DIN EN 61984)	400 V	Rated voltage according to UL/CSA	600 V AC/DC
Rated impulse voltage (DIN EN 61984)	4 kV	Rated current (DIN EN 61984)	16 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	4
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	15 mm	Wire connection cross-section, finely stranded, min.	0.5 mm <sup>2</sup>
Wire connection cross section, finely stranded, max.	2.5 mm <sup>2</sup>	Wire connection cross section AWG, min.	AWG 20
Wire connection cross section AWG, max.	AWG 14	Wire cross-section, solid, min.	0.5 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	0.5 Nm	Rated cross-section	2.5 mm <sup>2</sup>
Fixing screw	M 3	Blade size, slotted (PE connection)	SD 0.6 x 3.5

### Rating data

Rated current (DIN EN 61984)	16 A	Rated impulse voltage (DIN EN 61984)	4 kV
Rated voltage (DIN EN 61984)	400 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	15 mm	Type of connection	Screw connection
Max. torque for main contact	0.5 Nm	Size	1
Volume resistance	≤ 2mΩ	Clamping screw	M 3
Blade size, slotted (screw connection)	SD 0.6 x 3.5	Surface finish	Silver passivated
Material	Copper alloy		

### 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 line-to-earth: 230 V Rated voltage line-to-line: 400 V. Only use wire end ferrules without plastic collar.
Descriptive text accessories	Accessories, see chapter J - Tools, see chapter K

Erstellungs-Datum January 31, 2014 2:14:29 PM CET

**Datenblatt**

**HDC insert  
HDC HA 4 FS**

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

**Technische Daten**

**Approvals**

Approvals



ROHS

Conform

**Datenblatt**

**HDC insert  
HDC HA 4 FS**

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 16  
D-32758 Detmold  
Germany  
Fon: +49 5231 14-0  
Fax: +49 5231 14-292083  
[www.weidmueller.com](http://www.weidmueller.com)

**Zeichnungen**

