



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



## HDC insert HDC S4/0 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 MixMate series of connectors can simultaneously transmit high rated currents and voltages as well as signals.

The wire connection level is designed as a screw element. All screw connections are equipped with a wire protection spring.>br> Screw connection

### General ordering data

Order No.	<a href="#">1023210000</a>
Type	HDC S4/0 FS
Version	HDC insert, Female, 830 V, 80 A, No. of poles: 4, Screw connection, Size: 6
GTIN (EAN)	4032248739288
Qty.	1 pc(s).

**HDC insert  
HDC S4/0 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

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

Length	84.5 mm	Width	34 mm
Height	46.2 mm	Net weight	105 g

**Dimensions**

Height of socket	46.2 mm	Total length base	84.5 mm
------------------	---------	-------------------	---------

**General data**

Size	6	Series	MixMate
Rated voltage (DIN EN 61984)	830 V	Rated voltage according to UL/CSA	600 V AC/DC
Rated impulse voltage (DIN EN 61984)	8 kV	Rated current (DIN EN 61984)	80 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	16 mm <sup>2</sup>	No. of poles	4
Plugging cycles, silver	≥ 500	Pollution severity	3
Type	Female		

**Connection data PE**

Stripping length PE connection	13 mm	Wire connection cross-section, finely stranded, min.	0.5 mm <sup>2</sup>
Wire connection cross section, finely stranded, max.	16 mm <sup>2</sup>	Cross-section for connected conductor, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, min.	0.5 mm <sup>2</sup>
Wire connection cross-section, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, max.	16 mm <sup>2</sup>	Wire connection cross section AWG, min.	AWG 16
Wire connection cross section AWG, max.	AWG 6	Wire cross-section, solid, min.	0.5 mm <sup>2</sup>
Wire cross-section, solid, max.	16 mm <sup>2</sup>	Connection type PE	Screw connection
Tightening torque, min. PE connection	2 Nm	Tightening torque, max. PE connection	2.5 Nm
Rated cross-section	16 mm <sup>2</sup>	Fixing screw	M 5
Blade size, crosshead	Gr. PH2	Blade size, slotted (PE connection)	SD 1.2 x 6.5

**Rating data**

Rated current (DIN EN 61984)	80 A	Rated impulse voltage (DIN EN 61984)	8 kV
Rated voltage (DIN EN 61984)	830 V	Rated voltage according to UL/CSA	600 V AC/DC

**Version**

Wire connection cross section AWG, min.	AWG 16	Wire connection cross section AWG, max.	AWG 6
Stripping length, rated connection	15 mm	Type of connection	Screw connection
Min. torque for main contact	1.2 Nm	Max. torque for main contact	3 Nm
Size	6	Volume resistance	≤ 1 mΩ
Clamping screw	M 6	Blade size, slotted (screw connection)	SD 0.8 x 4.0
Surface finish	Silver passivated	Material	Copper alloy

**Data sheet...**

**HDC insert  
HDC S4/0 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

**Technical data**

**Classifications**

ETIM 3.0	EC002413	UNSPSC	30-21-18-01
eClass 6.2	27-26-12-90	eClass 7.1	27-44-02-90

**Product information**

Descriptive text accessories	Accessories, see chapter J - Tools, see chapter K
------------------------------	---

**Approvals**

Approvals



ROHS	Conform
------	---------

**Data sheet...**

**HDC insert  
HDC S4/0 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

**Drawings**

