



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 S8/0 FAS**

**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. An axial screw can be used to secure the wire.  
Axial screw connection TOP connection

**General ordering data**

Order No.	<a href="#">1023350000</a>
Type	HDC S8/0 FAS
Version	HDC insert, Female, 690 V, 110 A, No. of poles: 8, Axial screw connection, Size: 8
GTIN (EAN)	4032248739493
Qty.	1 pc(s).

**HDC insert  
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**Technical data****Dimensions and weights**

Length	111 mm	Width	34 mm
Height	52.4 mm	Net weight	308 g

**Dimensions**

Height of socket	52.4 mm	Total length base	111 mm
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**General data**

Size	8	Series	MixMate
Rated voltage (DIN EN 61984)	690 V	Rated voltage according to UL/CSA	600 V AC/DC
Rated impulse voltage (DIN EN 61984)	8 kV	Rated current (DIN EN 61984)	110 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	25 mm <sup>2</sup>	No. of poles	8
Plugging cycles, silver	≥ 500	Pollution severity	3
Type	Female		

**Connection data PE**

Stripping length PE connection	12 mm	Wire connection cross-section, finely stranded, min.	10 mm <sup>2</sup>
Wire connection cross section, finely stranded, max.	25 mm <sup>2</sup>	Wire connection cross section AWG, min.	AWG 8
Wire connection cross section AWG, max.	AWG 4	Connection type PE	Screw connection, Miscellaneous
Tightening torque, min. PE connection	6 Nm	Tightening torque, max. PE connection	7 Nm
Rated cross-section	25 mm <sup>2</sup>		

**Rating data**

Rated current (DIN EN 61984)	110 A	Rated impulse voltage (DIN EN 61984)	8 kV
Rated voltage (DIN EN 61984)	690 V	Rated voltage according to UL/CSA	600 V AC/DC

**Version**

Wire connection cross section AWG, min.	AWG 8	Wire connection cross section AWG, max.	AWG 4
Stripping length, rated connection	12 mm	Type of connection	Axial screw connection
Min. torque for main contact	6 Nm	Max. torque for main contact	7 Nm
Size	8	Volume resistance	≤ 1 mΩ
Clamping screw	M 8 x 0.75 mm	Surface finish	Silver passivated
Material	Copper alloy		

**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 technical data	Rated voltage 1000 V / 8 kV at pollution degree 2
Descriptive text accessories	Accessories, see chapter J - Tools, see chapter K

Creation date April 9, 2013 5:23:24 PM CEST

Catalogue status 12.03.2013 / We reserve the right to make technical changes.

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**Data sheet...**

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**Technical data**

**Approvals**

Approvals



ROHS

Conform