

## HDC insert HDC S8/0 MAS

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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="#">1023360000</a>
Type	HDC S8/0 MAS
Version	HDC insert, Male, 690 V, 110 A, No. of poles: 8, Axial screw connection, Size: 8
GTIN (EAN)	4032248739509
Qty.	1 pc(s).

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

Length	111 mm	Width	34 mm
Height	48.5 mm	Net weight	300 g

**Dimensions**

Height of plug	48.5 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	Male		

**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

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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