

**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.	1023360000
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 ¹⁰ Ω	Insulating material	PC glass-fibre reinforced (UL-listed and railway-certified)
Conductor cross-section	25 mm ²	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 ²
Wire connection cross section, finely stranded, max.	25 mm ²	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 ²		

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

Data sheet...

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Technical data

Approvals

Approvals



ROHS

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