



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!



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**HDC insert
HDC S8/0 MAS**

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. | 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 |
|----------------|---------|-------------------|--------|

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

Conform