

**MCZ OVP TAZ DIODE 24VDC****Weidmüller Interfaces GmbH & Co. KG**

Postfach 3030

32760 Detmold

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- Slimline overvoltage protection terminal with tension clamp connection
- 6 mm Slimline fine overvoltage protection
- fast wiring thanks to TS contact and tension clamp connections
- can be cross-connected

**General ordering data**

Version	Surge protection for instrumentation and control, Surge protection for measurement and control
Order No.	<a href="#">8449150000</a>
Type	MCZ OVP TAZ DIODE 24VDC
GTIN (EAN)	4008190128227
Qty.	10 pc(s).
Available until	2021-12-31
Alternative product	<a href="#">1064740000</a>

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## Technical data

### Dimensions and weights

Depth	63.5 mm	Depth (inches)	2.5 inch
Height	91 mm	Height (inches)	3.583 inch
Width	6 mm	Width (inches)	0.236 inch
Net weight	24.8 g		

### Temperatures

Storage temperature	-40 °C...85 °C	Operating temperature	-40 °C...60 °C
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### Environmental Product Compliance

REACH SVHC	Lead 7439-92-1	SCIP	c9db83e7-2b25-44e1-8d26-da64d426373f
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### General data

Colour	black	Design	Terminal
Height with TS 35	63.5 mm	Protection degree	IP20
Rail	TS 35	Segment	Measurement - Monitoring - Setting
UL 94 flammability rating	V-0	Version	Surge protection for measurement and control

### Insulation coordination acc. to EN 50178

Pollution severity	2	Surge voltage category	III
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### Rated data IEC / EN

Capacitance	1 nF	Discharge current, max. (8/20 μs)	112 A
Fuse	10A	Max. continuous voltage, U <sub>c</sub> (AC)	30 V
Operating current, I <sub>max.</sub>	13 A	Operating voltage	26 A
Protection level on output side Wire-PE 1 kV/μs, typically	55 V	Protection level on output side Wire-PE 8/20 μs, typically	65 V
Protection level on output side Wire-wire 1 kV/μs, typically	55 V	Protection level on output side Wire-wire 8/20 μs, typically	65 V
Rated current I <sub>N</sub>	13 A	Rated voltage (DC)	24 V
Rated voltage (DC), max.	30 V	Response time	≤ 100 ps
Voltage type	DC	Volume resistance	0.20 Ω

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## Connection data

Cross-section	1.5 mm <sup>2</sup>	Stripping length	8 mm
Wire connection method	Spring connection	Type of connection	Tension-clamp connection
Stripping length, rated connection	8 mm	Clamping range, rated connection	1.5 mm <sup>2</sup>
Clamping range, min.	0.5 mm <sup>2</sup>	Clamping range, max.	1.5 mm <sup>2</sup>
Wire connection cross section AWG, min.	AWG 26	Wire connection cross section AWG, max.	AWG 16
Wire cross-section, solid, min.	0.5 mm <sup>2</sup>	Wire cross-section, solid, max.	1.5 mm <sup>2</sup>
Wire cross-section, solid, min. (AWG)	AWG 26	Wire cross-section, solid, max. (AWG)	AWG 16
Wire connection cross section, finely stranded, min.	0.5 mm <sup>2</sup>	Wire connection cross section, finely stranded, max.	1.5 mm <sup>2</sup>
Wire cross-section, finely stranded, min. (AWG)	AWG 26	Wire cross-section, finely stranded, max. (AWG)	AWG 16
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.5 mm <sup>2</sup>	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	1.5 mm <sup>2</sup>
Conductor cross-section, flexible, AEH (DIN 46228-1), min.	0.5 mm <sup>2</sup>	Conductor cross-section, flexible, AEH (DIN 46228-1), max.	1.5 mm <sup>2</sup>
Blade size	0.6 x 3.5 mm		

## Classifications

ETIM 6.0	EC000943	ETIM 7.0	EC000943
ETIM 8.0	EC000943	ECLASS 9.0	27-13-08-07
ECLASS 9.1	27-13-08-07	ECLASS 10.0	27-13-08-07
ECLASS 11.0	27-13-08-07	ECLASS 12.0	27-17-90-90

## Approvals

Approvals



ROHS

Conform

## Downloads

Approval/Certificate/Document of Conformity	<a href="#">EU_Konformitätserklärung / EU_Declaration_of_Conformity</a>
Engineering Data	<a href="#">CAD data – STEP</a>
Engineering Data	<a href="#">EPLAN, WSCAD</a>
User Documentation	<a href="#">Beipackzettel / Instruction sheet</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>

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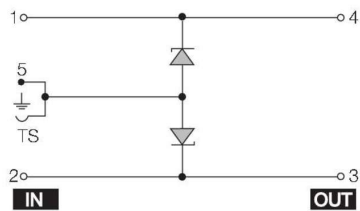
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**Drawings****Electric symbol**

Circuit diagram

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