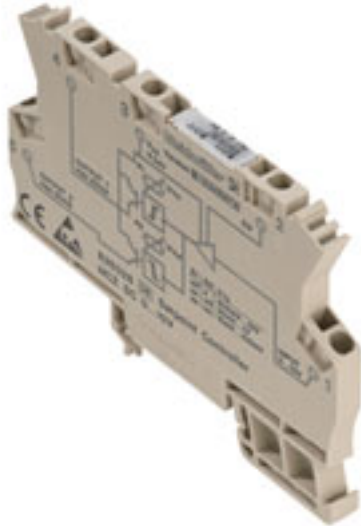


## MCZ SERIES MCZ SC 0-10V

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 16  
D-32758 Detmold  
Germany  
Fon: +49 5231 14-0  
Fax: +49 5231 14-292083  
www.weidmueller.com

### Product image



### MCZ: The smallest solution

- The smallest analogue signal converter in terminal block format on the market
- Space-saving conversion of analogue signals in the control cabinet thanks to the slim, 6 mm wide module width
- Simple wiring with plug-in cross-connectors

### General ordering data

Type	MCZ SC 0-10V
Order No.	<a href="#">8260280000</a>
Version	MCZ SERIES, Limit value monitoring, 1, 2, Tension-clamp connection
GTIN (EAN)	4008190985417
Qty.	10 pc(s).

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

Length	91 mm	Length (inches)	3.583 inch
Width	6 mm	Width (inches)	0.236 inch
Depth	63.2 mm	Depth (inches)	2.488 inch
Weight	30 g	Net weight	29.6 g

**Temperatures**

Humidity	40 °C / 93 % rel. humidity, no condensation	Operating temperature, max.	50 °C
Operating temperature, min.	0 °C	Storage temperature, max.	60 °C
Storage temperature, min.	-25 °C	Operating temperature	0 °C...50 °C
Storage temperature	-25 °C...60 °C		

**Environmental Product Compliance**

REACH SVHC Lead 7439-92-1

**Rated data UL**

Certificate No. (cURus) E141197

**Input**

Number of inputs	1	Input voltage	0...10 V
Input resistance, voltage	60 kΩ		

**Output**

Number of outputs	2	Cut-off frequency (-3 dB)	100 Hz
Contact assembly	double switch output PNP	Switching thresholds	Via 2 potentiometers (12 turns)

**General data**

Configuration	Potentiometer	Current consumption	15 mA
Galvanic isolation	Without isolation	Rail	TS 35
Step response time	< 250 μs (switching threshold at 90% of max. input signal; $R_I \leq 1$ kΩ)	Temperature coefficient	max. 250 ppm/K
Voltage supply	24 V DC $\pm$ 20 %		

**Insulation coordination**

EMC standards	EN 55011, EN 61000-6	Galvanic isolation	Without isolation
Insulation voltage input or output/rail	4 kV <sub>eff</sub> / 1 min.		

**Connection data**

Type of connection	Tension-clamp connection	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>

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**Technical data**

**Classifications**

ETIM 4.0	EC001652	ETIM 5.0	EC001652
ETIM 6.0	EC002654	UNSPSC	30-21-19-17
eClass 5.1	27-14-23-09	eClass 6.2	27-14-23-09
eClass 7.1	27-14-23-09	eClass 8.1	27-14-23-09
eClass 9.0	27-21-01-22	eClass 9.1	27-21-01-22

**Approvals**

Approvals



ROHS Conform

**Downloads**

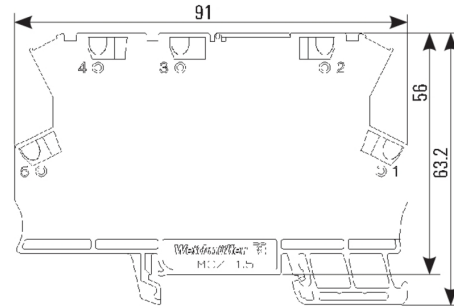
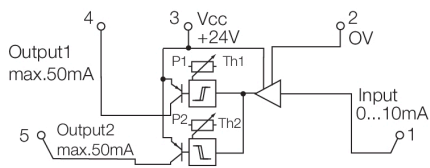
Approval/Certificate/Document of Conformity	<a href="#">Declaration of Conformity</a>
Brochure/Catalogue	<a href="#">CAT 4.1 ELECTR 16/17 EN</a>
Engineering Data	<a href="#">EPLAN, WSCAD</a>
Engineering Data	<a href="#">STEP</a>
User Documentation	<a href="#">Instruction sheet</a>

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**Drawings**

**Connection diagram**



dimensions

