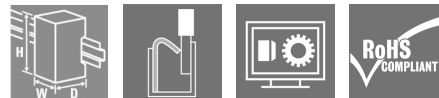
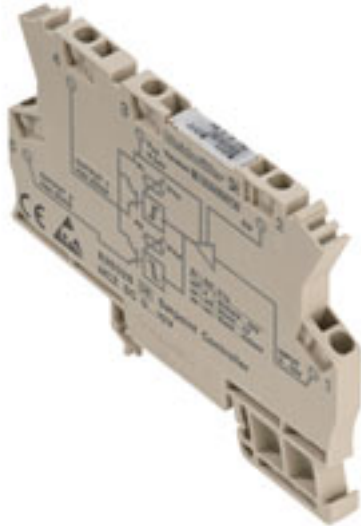


**MCZ SERIES**  
**MCZ SC 0-20MA**

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 26  
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 0-20MA
Order No.	<a href="#">8227350000</a>
Version	Limit value monitoring, Input : 0-20 mA, Output 2 x transistor
GTIN (EAN)	4008 190193799
Qty.	10 pc(s).

Creation date August 18, 2020 8:48:15 AM CEST

Catalogue status 14.08.2020 / We reserve the right to make technical changes.

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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	28 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		

**Probability of failure**

MTTF	681 Years
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**Environmental Product Compliance**

REACH SVHC	Lead 7439-92-1
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**Rated data UL**

Certificate No. (cURus)	E141197
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**Input**

Number of inputs	1	Input current	0.5...20 mA
Input resistance, current	50 Ω	Voltage drop	1 V

**Output**

Number of outputs	2	Cut-off frequency (-3 dB)	100 Hz
Contact assembly	Transistor output, 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 <sub>i</sub> ≤ 1 kΩ)	Temperature coefficient	max. 250 ppm/K
Voltage supply	24 V DC ± 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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**Data sheet**

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**Technical data**

**Classifications**

ETIM 6.0	EC002654	ETIM 7.0	EC002654
eClass 9.0	27-21-01-22	eClass 9.1	27-21-01-22
eClass 10.0	27-21-01-22	UNSPSC	30-21-19-17

**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**