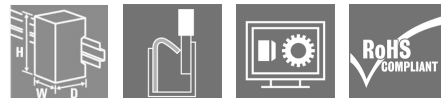
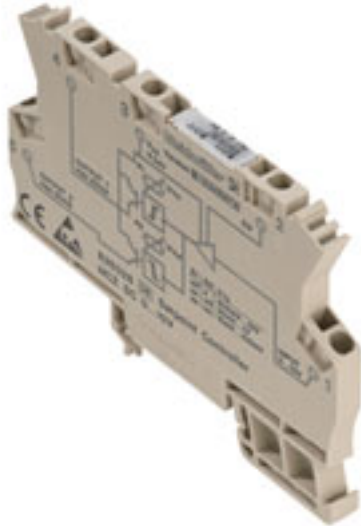


MCZ SERIES MCZ SC 0-20mA

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 0-20MA
Order No.	8227350000
Version	MCZ SERIES, Limit value monitoring, 0.5...20 mA, 1, 2, Tension-clamp connection
GTIN (EAN)	4008190193799
Qty.	10 pc(s).

MCZ SERIES
MCZ SC 0-20MA

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

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
------	-----------

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
------------	----------------

Rated data UL

Certificate No. (cURus)	E141197
-------------------------	---------

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	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 ≤ 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 _{eff} / 1 min.		

Connection data

Type of connection	Tension-clamp connection	Clamping range, rated connection	1.5 mm ²
Clamping range, min.	0.5 mm ²	Clamping range, max.	1.5 mm ²

Creation date May 28, 2019 2:34:46 PM CEST

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

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

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	Declaration of Conformity
Brochure/Catalogue	CAT 4.1 ELECTR 16/17 EN
Engineering Data	EPLAN, WSCAD
Engineering Data	STEP
User Documentation	Instruction sheet

**MCZ SERIES
MCZ SC 0-20mA**

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

Drawings

Connection diagram

