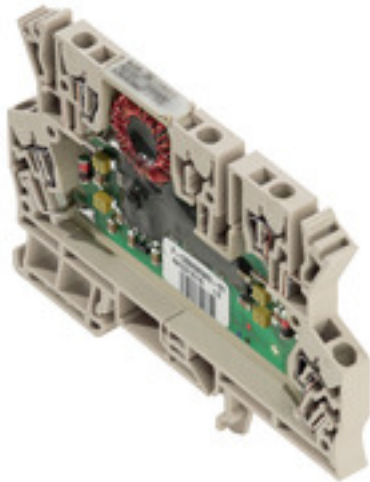


## MCZ SERIES

### MCZ CCC 0-20mA/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 CCC 0-20mA/0-20mA
Order No.	<a href="#">8411190000</a>
Version	MCZ SERIES, Passive isolator
GTIN (EAN)	4008190992736
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
Net weight	44.3 g		

**Temperatures**

Operating temperature, max.	60 °C	Operating temperature, min.	-25 °C
Storage temperature, max.	85 °C	Storage temperature, min.	-40 °C
Operating temperature	-25 °C...60 °C	Storage temperature	-40 °C...85 °C

**Environmental Product Compliance**

REACH SVHC	Lead 7439-92-1
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**Input**

Number of inputs	1	Input current	0(4)...20 mA current loop
Pick-up current	< 100 µA	Voltage drop	2.5....3 V at 20 mA

**Output**

Number of outputs	1	Output current	0...20 mA, 4...20 mA
Cut-off frequency (-3 dB)	100 Hz	load impedance current	≤ 500 Ω

**General data**

Accuracy	< 0.1 % of end value	Configuration	none
Galvanic isolation	between input/output	Input/Output	0(4)...20 mA/0(4)...20 mA
Rail	TS 35	Temperature coefficient	≤ 50 ppm/K of measured value at 0 Ω load resistance
Voltage supply	via the input measuring circuit		

**Insulation coordination**

EMC standards	EN 61000-6	Galvanic isolation	between input/output
Pollution severity	2	Rated voltage	100 V
Surge voltage category	I	Test voltage	510 V AC

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## Technical data

### 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>
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 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>

### Classifications

ETIM 3.0	EC001774	ETIM 4.0	EC002653
ETIM 5.0	EC002653	ETIM 6.0	EC002653
UNSPSC	31-12-10-07	eClass 5.1	27-21-01-20
eClass 6.2	27-21-01-20	eClass 7.1	27-21-01-20
eClass 8.1	27-21-01-20	eClass 9.0	27-21-01-20
eClass 9.1	27-21-01-20		

### Product information

Instructions for accessories      Cross-connectors for power supplies and markers: refer to accessories

### Approvals

Approvals



ROHS      Conform

### Downloads

Brochure/Catalogue	<a href="#">CAT 4.1 ELECTR 16/17 EN</a>
Engineering Data	<a href="#">EPLAN, WSCAD, Zuken E3.S</a>
Engineering Data	<a href="#">STEP</a>
User Documentation	<a href="#">Instruction sheet</a>

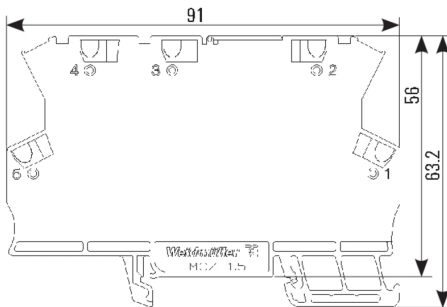
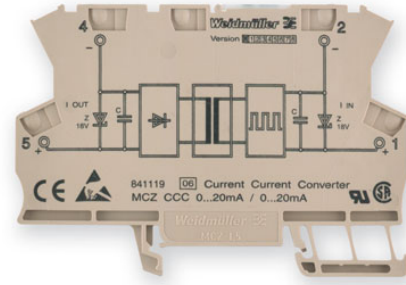
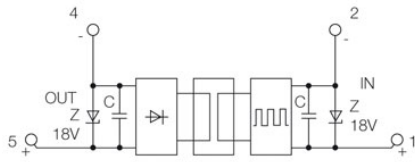
**Data sheet**

**MCZ SERIES  
MCZ CCC 0-20mA/0-20mA**

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**Drawings**

**Connection diagram**



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