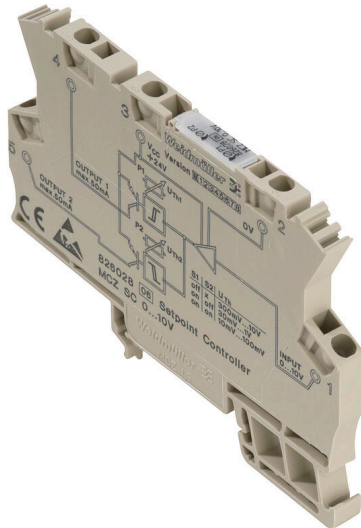


MCZ SC 0-20MA

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany

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

Version	Limit value monitoring, Input : 0-20 mA, Output 2 x transistor
Order No.	8227350000
Type	MCZ SC 0-20MA
GTIN (EAN)	4008190193799
Qty.	10 items

MCZ SC 0-20MA

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

Approvals

Approvals



ROHS Conform

UL File Number Search [UL Website](#)

Certificate No. (cURus) E141197

Dimensions and weights

Depth	63.2 mm	Depth (inches)	2.4882 inch
Height	15 mm	Height (inches)	0.5906 inch
Width	6 mm	Width (inches)	0.2362 inch
Length	91 mm	Length (inches)	3.5827 inch
Net weight	28 g		

Temperatures

Storage temperature	-25 °C...60 °C	Operating temperature	-40 °C...60 °C
Humidity at operating temperature	0...95 % (no condensation)		

Probability of failure

SIL in compliance with IEC 61508	None	MTTF	681 a
----------------------------------	------	------	-------

Environmental Product Compliance

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6c, 7a, 7cl
REACH SVHC	Lead 7439-92-1
SCIP	35d83707-6a3b-45b5-b9f8-6ba8184c863e

Input

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

General data

Protection degree	IP20	Supply voltage	24 V DC ± 20 %
Step response time	<250 μs (switching threshold at 90% of max. input signal; RI ≤ 1 kΩ)	Current consumption	15 mA
Mounting rail	TS 35	Temperature coefficient	± 250 ppm/K, 350 ppm/K
Nominal power consumption	1.5 VA	Configuration	Potentiometer

Insulation coordination

EMC standards	EN 55011, EN 61000-6	Galvanic isolation	between input/output/supply/relay
---------------	----------------------	--------------------	-----------------------------------

MCZ SC 0-20MA

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Technical data**Connection data**

Type of connection	TOP connection, Screw connection	Clamping range, rated connection	1.5 mm ²
Clamping range, min.	0.5 mm ²	Clamping range, max.	1.5 mm ²

Classifications

ETIM 8.0	EC002654	ETIM 9.0	EC002654
ETIM 10.0	EC002654	ECLASS 14.0	27-21-01-22
ECLASS 15.0	27-21-01-22		

MCZ SC 0-20mA

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

Drawings

www.weidmueller.com

Connection diagram

