



General ordering data

Order No.	8260280000
Part designation	MCZ SC 0-10V
Version	Limit value monitoring, 0...10 V , 1 , 2 , Tension clamp connection
EAN	4008190985417
Qty.	10 pc(s).

Input

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

Output

Function	$U < U_i$: Output 1 active / $U_i > U_i$: Output 2 active
Cut-off frequency (-3 dB)	100 Hz
Hysteresis	1% of adjusted final value
Contact assembly	double switch output PNP

Output

Switching thresholds	Via 2 potentiometers (12 turns)
Switching current, max.	50 mA - per channel (voltage drop at transistor: < 1.2 V at 50 mA)
Step response time	< 250 µs (switching threshold at 90% of max. input signal; R ≤ 1 kΩ)
Temperature coefficient	250 ppm/K (max. 500 ppm/K)
Number of outputs	2

General data

Function	Monitoring of upper and lower limit values
Galvanic isolation	Without isolation
Type of connection	Tension clamp connection
Mounting rail	TS 35
Current consumption	15 mA
Voltage supply	24 V DC ± 20 %
Ambient temperature (operational)	0 °C...+50 °C
Storage temperature	-25 °C...+60 °C

Insulation coordination

Standards	EN 50178
EMC standards	EN 55011, EN 61000-6
Insulation voltage input or output/rail	4 kV / 1 min.

Dimensions

Clamping range, max.	1.5 mm ²
Clamping range, min.	0.5 mm ²
Clamping range, nom.	1.5 mm ²
Length	91 mm
Height	63.2 mm
Width	6 mm

Approvals

Approvals institutes

**Classifications**

ETIM 2.0	NK
ETIM 3.0	NK
eClass 4.1	27-21-01-22
eClass 5.0	27-21-01-22
eClass 5.1	27-14-23-09

Similar products

Order No.	Part designation	Version
8227350000	MCZ SC 0-20MA	Limit value monitoring, 0.5...20 mA , 1 , 2 , Tension clamp connection