

MCR-SPP-I-4

Order No.: 2810049



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MCR threshold value switches, with hysteresis and relay, input signal 4..20 mA



Commercial data

GTIN (EAN)	 4 017918 076573
sales group	H560
Pack	1 pcs.
Customs tariff	85389091
Catalog page information	Page 349 (IF-2007)

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Technical data

Input data

Description of the input	Current input
Current input signal	4 mA ... 20 mA
Voltage dissipation	Approx. 7 V (6,7 ... 7.5 V)
Min setting range of the current threshold value	4 mA ... 20 mA
Setting range of the hysteresis	0.1 mA ... 1 mA
Internal hysteresis	± 60 µA (around the lower/upper switching point)

Switching output

Output name	Bistable relay
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Contact type	1 PDT
Contact material	Rhodium
Maximum switching voltage	150 V DC
	125 V AC
Interrupting rating (ohmic load) max.	30 W (with DC)
	60 VA (with AC)
Mechanical service life	< 10 ⁹ cycles
Status display	LED

Connection data

Connection method	Pluggable screw connection
Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	2.5 mm ²
Conductor cross section stranded min.	0.2 mm ²
Conductor cross section stranded max.	2.5 mm ²
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	14
Stripping length	8 mm
Screw thread	M3

General data

Width	22.5 mm
Height	75 mm
Depth	110 mm
Maximum temperature coefficient	≤ 0.01 %
Step response (10-90%)	Approx. 2 ms
Ambient temperature (operation)	-20 °C ... 65 °C
Color	green
Housing material	ABS
Mounting position	Any
Conformance	CE-compliant

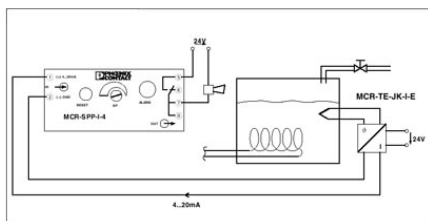
Certificates / Approvals

Certification

GOST

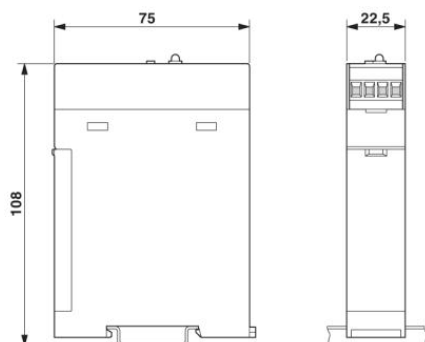
Diagrams/Drawings

Application drawing

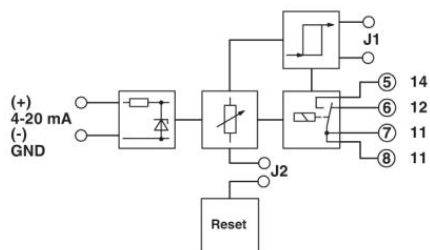


Application example: temperature control

Dimensioned drawing



Circuit diagram



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