



Extract from the online catalog

MINI MCR-SL-NAM-2RNO

Order No.: 2864105



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2864105>

Configurable NAMUR switching amplifier for proximity sensors, floating switching contacts and switching contacts with resistance circuit. On the output side 2 N/O contact, with screw connection



Commercial data	
EAN	4046356046459
Pack	1 pcs.
Customs tariff	85437090
Weight/Piece	0.0763 KG
Catalog page information	Page 345 (IF-2009)

Product notes

WEEE/RoHS-compliant since: 12/12/2006

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Product description

The 6.2 mm wide MINI MCR-SL-NAM-2RNO... is a configurable 4-way isolation amplifier. It is suited for the operation of proximity sensors in acc. with EN 60947-5-6 and switches and also has two relay outputs. The second output can either be used to duplicate signals or for signaling faults for the sensor line.

The DIP switches are accessible on the housing side and allow the following parameters to be configured:

- Switchover from open circuit to closed circuit current behavior

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- Activation of line fault detection of the sensor line as well as
- Selection of signal duplication/fault signaling

Power (19.2 V DC to 30 V DC) can be supplied through connection terminal blocks on the modules or in conjunction with the DIN rail connector.

Technical data

Power supply

Nominal supply voltage	24 V DC
Range of supply voltages	19.2 V DC ... 30 V DC (to bridge the supply voltage, the DIN rail connector (ME 6,2 TBUS-2 1,5/5-ST-3,81 GN, Order No. 2869728) can be used. It can be snapped onto a 35 mm DIN rail according to EN 60715)
Max. current consumption	< 25 mA
Power consumption	< 600 mW

Connection data

Type of connection	Screw connection
Conductor cross section solid min.	0.14 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.	26
Conductor cross section AWG/kcmil max	12
Stripping length	12 mm
Screw thread	M3

General data

Width	6.2 mm
Height	93.1 mm
Depth	102.5 mm
Ambient temperature (operation)	-20 °C ... 60 °C
Ambient temperature (storage/transport)	-40 °C ... 85 °C
Degree of protection	IP20
Pollution degree	2
Surge voltage category	II
Electromagnetic compatibility	Conformance with EMC directive 2004/108/EC
Emitted interference	EN 61000-6-4
Immunity to interference	EN 61000-6-2:2005

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Color	green
Housing material	PBT
Mounting position	Any
Conformity	CE compliant
ATEX	Ex II 3 G Ex nAC IIC T4 X
UL, USA / Canada	UL 508 Recognized
GL	GL EMC 2 D

Certificates / Approvals

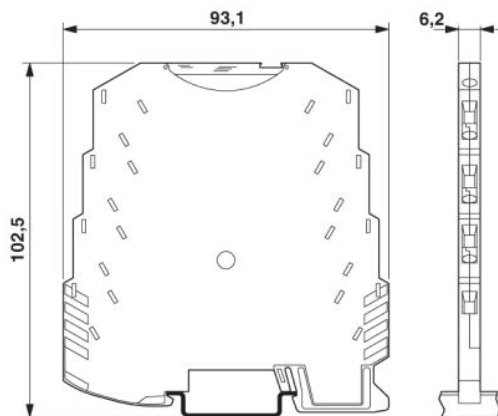


Certification

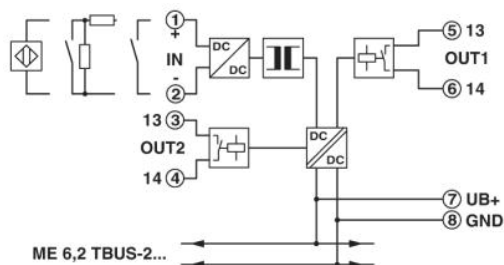
CUL, GL, UL

Diagrams/Drawings

Dimensioned drawing



Circuit diagram



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