

Signal monitoring module - PI-N-NAM/RNO - 2835888

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Non-Ex binary input: NAMUR isolation amplifiers. For operating proximity sensors and switches. The binary signals from the field are sent to the control level. Relay output (N/O contact), line fault detection. Electrical isolation.



Key Commercial Data

Packing unit	1 pc
Weight per Piece (excluding packing)	87.1 g
Custom tariff number	85437090
Country of origin	Germany

Technical data

Dimensions

Width	12.4 mm
Depth	147 mm

Ambient conditions

Ambient temperature (operation)	-20 °C ... 55 °C
Ambient temperature (storage/transport)	-25 °C ... 85 °C
Degree of protection	IP20

Input data

Non-load voltage	8.2 V DC $\pm 10\%$
Switching points (attenuated)	< 1.2 mA (blocking)
Switching points (unattenuated)	> 2.1 mA (conductive)

Output data

Switching output	Relay output
Configurable/programmable	Can be inverted via slide switch

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Technical data

Output data

Contact type	N/O contact, reversal options, SPST
Contact material	AgSnO, hard gold-plated
Limiting continuous current	50 mA (for gold layer, 30 V AC/ 36 V DC)
	3 A (In the event of destroyed gold layer, 250 V AC/DC)
Min. contact current	1 mA
Mechanical service life	10 ⁷ cycles
Service life, electrical	2 x 10 ⁵ cycles (at full load)

Power supply

Supply voltage range	20 V DC ... 30 V DC
Max. current consumption	30 mA
Power consumption	0.55 W (24 V)

Connection data

Connection method	Screw connection
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General

No. of channels	1
Status display	Green LED (supply voltage)
	Yellow LED (status display)
	Red LED (line errors)
Flammability rating according to UL 94	V0
Housing material	PBT and polyamide PA non-reinforced
Color	green
Designation	Input/power supply
Electrical isolation	250 V
Designation	Output/supply
Electrical isolation	1.5 kV (50 Hz, 1 min., test voltage)
Conformance	CE-compliant

Standards and Regulations

Flammability rating according to UL 94	V0
Conformance	CE-compliant

Classifications

eCl@ss

eCl@ss 4.0	27210107
eCl@ss 4.1	27210107

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eCl@ss 5.0	27210107
eCl@ss 5.1	27210107
eCl@ss 6.0	27210107
eCl@ss 7.0	27210107
eCl@ss 8.0	27210121

ETIM

ETIM 2.0	EC001485
ETIM 3.0	EC001485
ETIM 4.0	EC001485
ETIM 5.0	EC001485

UNSPSC

UNSPSC 6.01	30211506
UNSPSC 7.0901	39121008
UNSPSC 11	39121008
UNSPSC 12.01	39121008
UNSPSC 13.2	39121008

Approvals

Approvals

Approvals

EAC

Ex Approvals

Approvals submitted

Approval details

EAC

Accessories

Additional products

Signal monitoring module - PI-N-NAM/RNO - 2835888

Accessories

Basic terminal block - PI-TB - 2835943



Base terminal block for non intrinsically safe signals with knife disconnection and test connections.

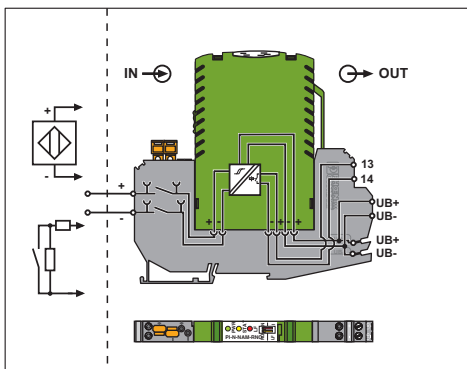
Surge protection device - TT-PI-TB - 2858373



Basic terminal block, with isolating connector, test connections and surge protection, mounting on NS 35/7.5

Drawings

Block diagram



Dimensional drawing

