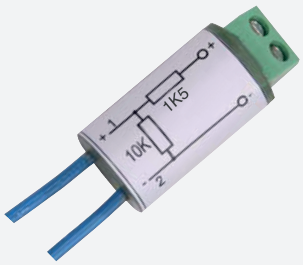
NAMUR Resistor Network

F-NR2-Ex1



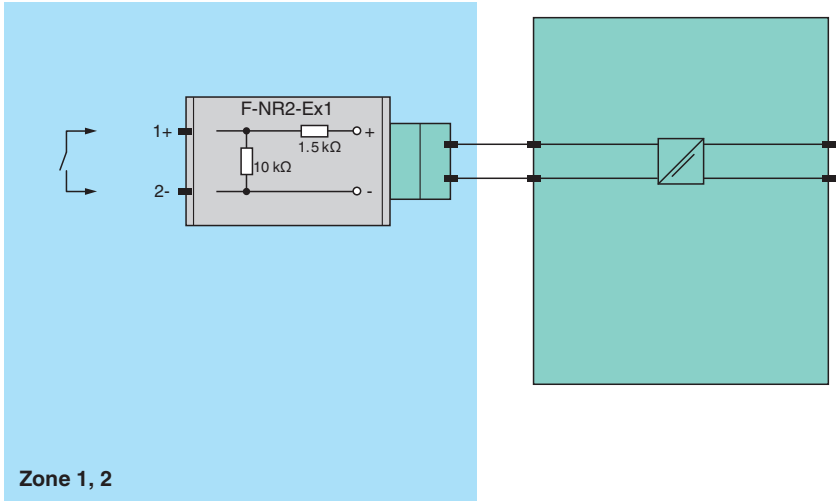
- 1-channel
- Dry contact input
- For line fault detection (LFD)

NAMUR Resistor Network

Function

The NAMUR Resistor Network is used to monitor lead breakage and short circuit detection in switch amplifier circuits controlled by mechanical contacts.
The component is installed directly to the control contact or inside its terminal box.
The component can be used with all switch amplifiers featuring line fault detection.

Connection



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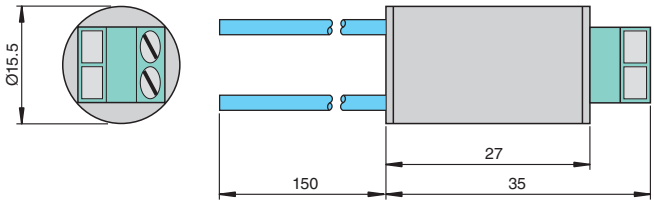
Dimensions



Technical Data

Supply		
Rated voltage	U_r	max. 20 V DC
Electrical specifications		
Resistor		1.5 kΩ/0.6 W 10 kΩ/0.6 W
Ambient conditions		
Ambient temperature		-40 ... 60 °C (-40 ... 140 °F)
Mechanical specifications		
Degree of protection		IP20
Connection		screw terminals
Core cross-section		max. 1.5 mm²
Cable		0.75 mm² x 150 mm
Mass		approx. 20 g
Dimensions		Ø15.5 x 35 mm (0.61 x 1.38 inch)
Data for application in connection with hazardous areas		
Certificate		DOC-0053 , see instruction manuals
Temperature class		T5
Voltage U_i		20 V
Power P_i		0.6 W
Ambient temperature		60 °C (140 °F)
Internal capacitance C_i		0 F
Internal inductance L_i		0 H
General information		
Supplementary information		Observe the certificates, declarations of conformity, instruction manuals, and manuals where applicable. For information see www.pepperl-fuchs.com.

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