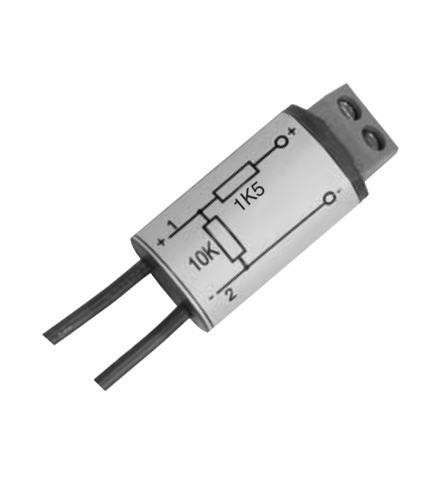


NAMUR Resistor Network

Features

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

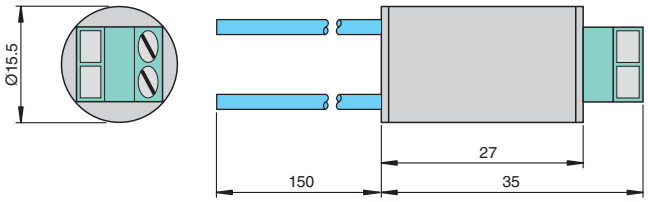
Function

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.

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
Input		
Suitable field devices		
Ambient conditions		
Ambient temperature		-20 ... 60 °C (-4 ... 140 °F)
Mechanical specifications		
Degree of protection		IP20
Connection		screw terminals
Core cross-section		≤ 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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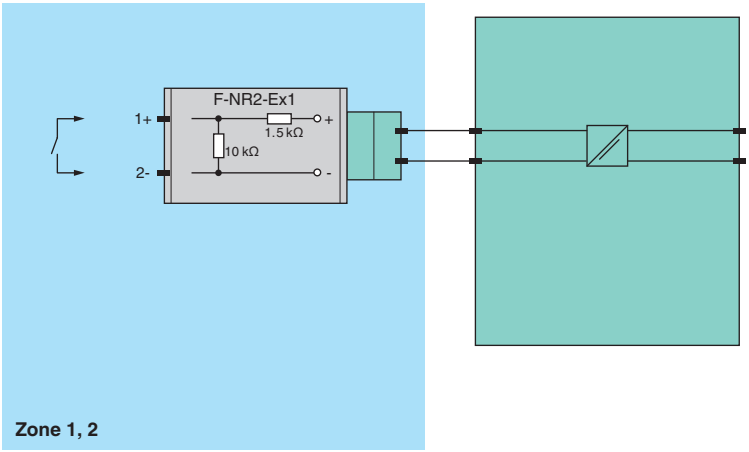
Electrical connection



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