



General characteristics

General characteristics

Functions	Expansion module
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Contact characteristics

Type of contact	4NO+1NC
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Operations

Mechanical life	cycles	>10 ⁷
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Auxiliary supply

Nominal auxiliary voltage supply	24VAC/DC
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Operating range	V	22...26VDC / 20.4...27.6VAC
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Frequency range	Hz	50/60
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Overvoltage category	III
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Insulation voltage	kV	4
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Protections	Short circuit with PTC
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Input characteristics

Number of inputs	Nr.	2
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Resistance input circuit	kΩ	Max 1
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Input current	mA	Typical 5
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Input voltage	0-35VDC
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Output characteristics

Number of safe outputs NO	Nr.	4
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Number of safe outputs NC	Nr.	0
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Number of feedback outputs	Nr.	1NC
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Output type	Voltage free contacts, relays with forcibly guided contacts
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Output contacts ratings	AC1 250V: 6A-2000VA AC15 230V: 3A DC1 24V: 6A DC13 24V: 2.5A
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UL 508 ratings	Pilot duty: B300-R300
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Mechanical life	cycles	>10 ⁷
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Electrical life AC1 at 360 commutations/h	cycles	10 ⁵
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Safety parameters

ISO 13849-1 security category	Cat. 4
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ISO 13849-1 performance level	PLe
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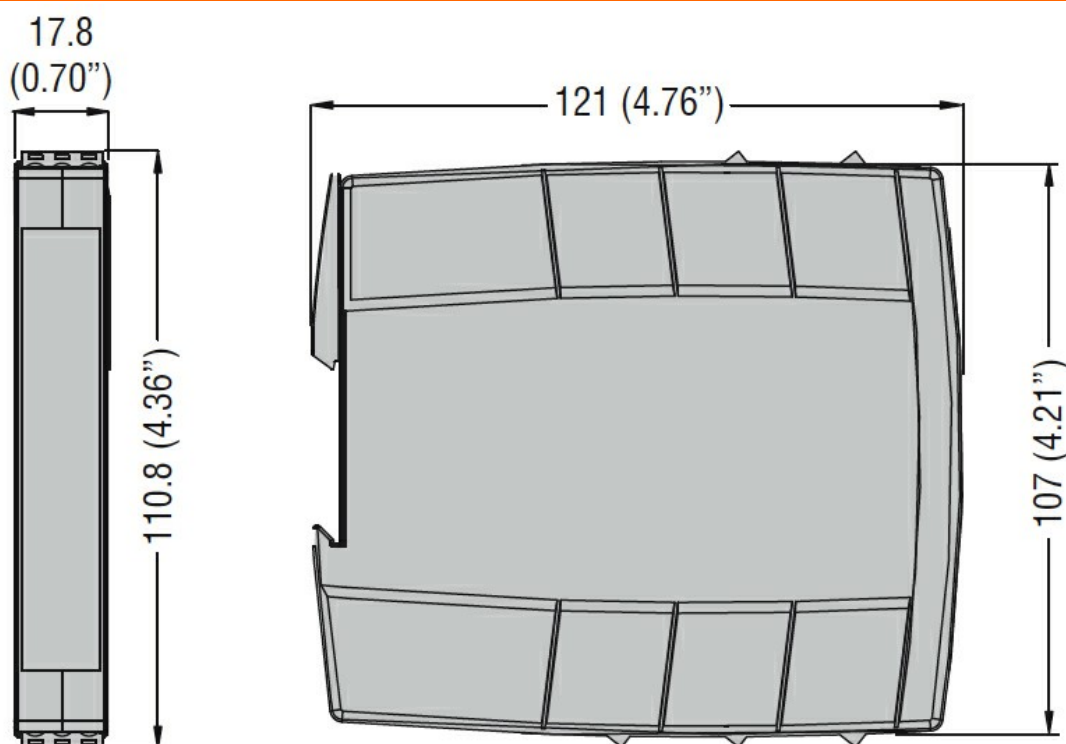
Mechanical features

Cable connection	Removable screw terminal
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Fixing	35mm DIN rail
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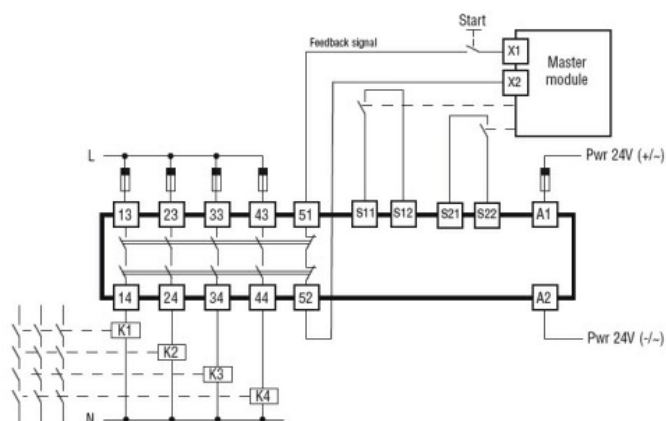
Weight	g	239
Ambient conditions		
Protection degree		IP40 on front IP20 on terminals
Pollution degree		2
Temperature		
Operating temperature	min °C	-25
	max °C	+60
Storage temperature	min °C	-30
	max °C	+70
Relative humidity	%	≤95

Dimensions

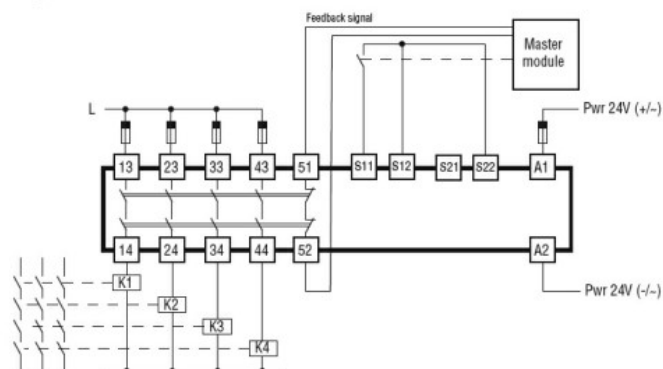


Wiring diagrams

Double channel mode



Single channel mode



Certifications and compliance

Compliance

EN/BS 13849-1

Certificates

cULus
TÜV

ETIM classification

ETIM 8.0

EC001449 -
Device for
monitoring of
safety-related
circuits