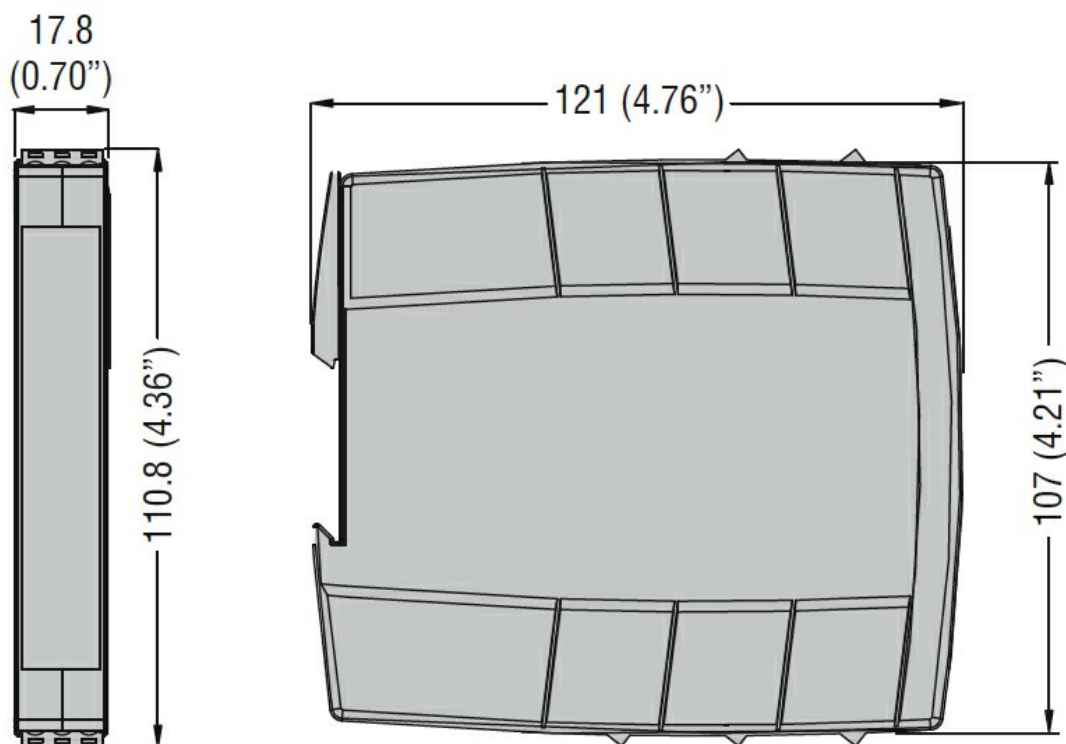




Product designation		SRB	
Product type designation		Safe outputs expantion module	
General characteristics			
General characteristics			
Functions		Expansion module	
Contact characteristics			
Type of contact		4NO+1NC	
Operations			
Mechanical life		cycles	>10 ⁷
Auxiliary supply			
Nominal auxiliary voltage supply		24VAC/DC	
Operating range		V	22...26VDC / 20.4...27.6VAC
Frequency range		Hz	50/60
Overvoltage category		III	
Insulation voltage		kV	4
Protections		Short circuit with PTC	
Input characteristics			
Number of inputs		Nr.	2
Resistance input circuit		kΩ	Max 1
Input current		mA	Typical 5
Input voltage		0-35VDC	
Output characteristics			
Number of safe outputs NO		Nr.	4
Number of safe outputs NC		Nr.	0
Number of feedback outputs		Nr.	1NC
Output type		Voltage free contacts, relays with forcibly guided contacts	
Output contacts ratings		AC1 250V: 6A- 2000VA AC15 230V: 3A DC1 24V: 6A DC13 24V: 2.5A	
UL 508 ratings		Pilot duty: B300- R300	
Mechanical life		cycles	>10 ⁷
Electrical life AC1 at 360 commutations/h		cycles	10 ⁵
Safety parameters			
ISO 13849-1 security category		Cat. 4	
ISO 13849-1 performance level		PLe	
Mechanical features			

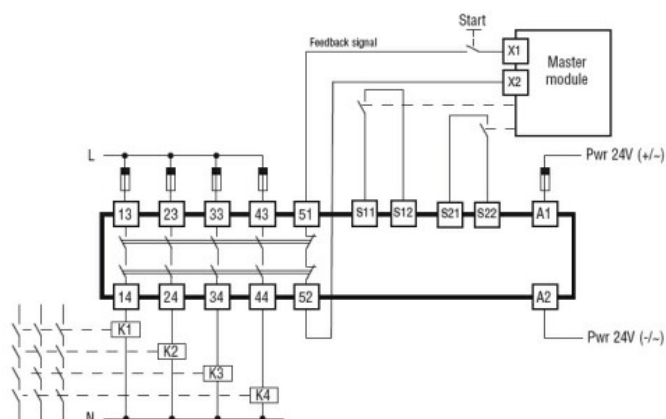
Cable connection	Removable screw terminal
Fixing	35mm DIN rail
Weight	g 239
Ambient conditions	
Protection degree	IP40 on front IP20 on terminals
Pollution degree	2
Temperature	
Operating temperature	
min	°C -25
max	°C +60
Storage temperature	
min	°C -30
max	°C +70
Relative humidity	% ≤95

Dimensions

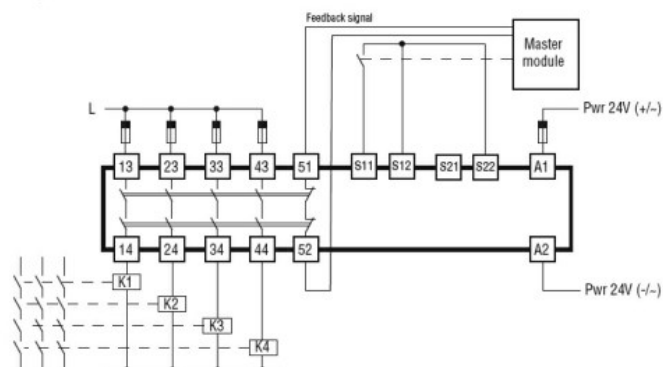


Wiring diagrams

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