



Product designation	SRA	
Product type designation	Multifunction	
General characteristics		
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Functions	Safety barrier with fail safe OSSD outputs; RFID; Emergency stop button; Gate monitoring applications; Two-hand devices control; Type 2 safety photocells	
Contact characteristics		
Type of contact	2NO+1PNP	
Operations		
Mechanical life	cycles	>10 ⁷
Auxiliary supply		
Nominal auxiliary voltage supply	24VDC	
Operating range	V	19...29VDC
Overvoltage category	III	
Insulation voltage	kV	4
Protections	Signaling output protected from overload	
Input characteristics		
Number of inputs	Nr.	2
Input current	mA	Typical 4.3
Input voltage	0-30VDC	
Output characteristics		
Number of safe outputs NO	Nr.	2
Number of safe outputs NC	Nr.	0
Number of feedback outputs	Nr.	1PNP
Output type	Relays with forcibly guided contacts	
Output contacts ratings	AC1 250V: 6A-2000VA AC15 230V: 5A DC13 24V: 2A	
UL 508 ratings	Pilot duty: B300-Q300	
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

Fixing	35mm DIN rail
Weight	g 150

Ambient conditions

Protection degree	IP40 on front IP20 on terminals
Pollution degree	2
Temperature	

Operating temperature

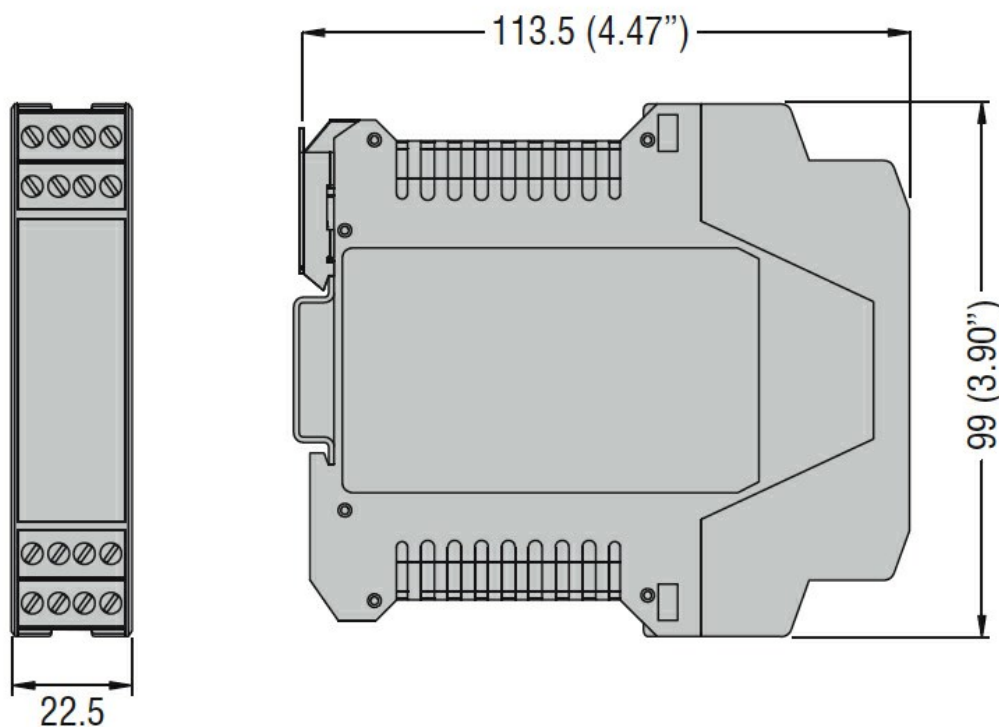
min	°C	-25
max	°C	+55

Storage temperature

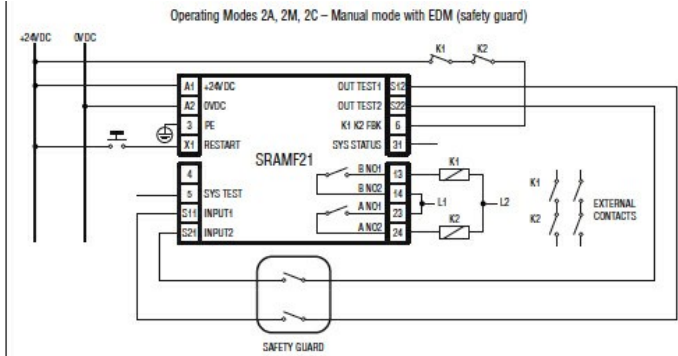
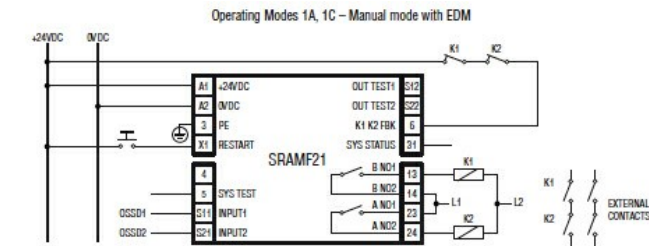
min	°C	-30
max	°C	+70

Relative humidity	%	≤95
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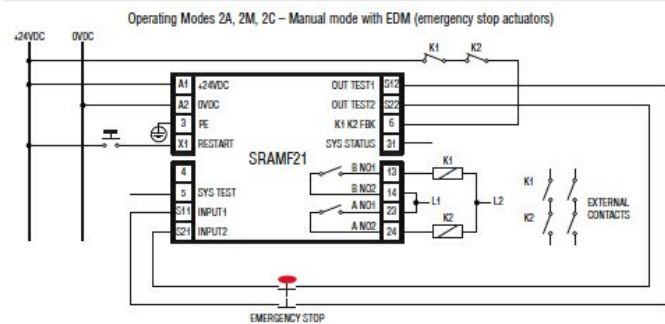
Dimensions



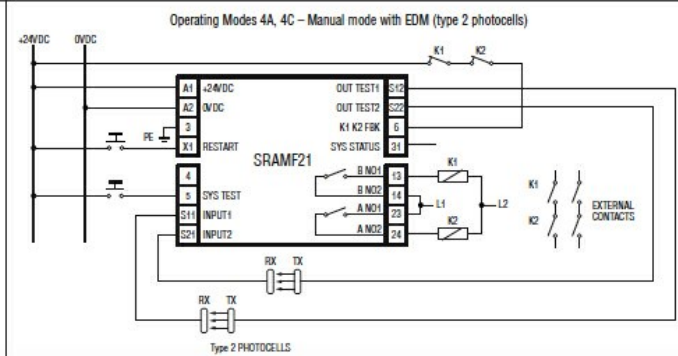
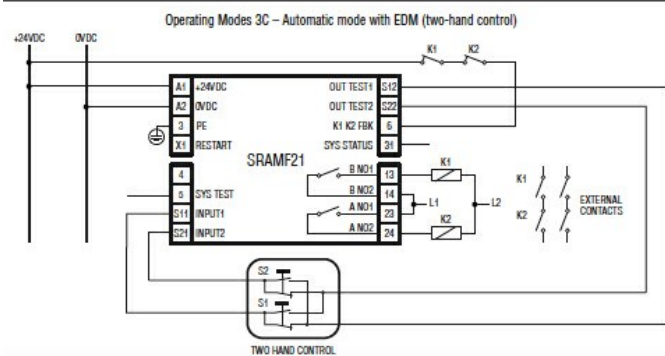
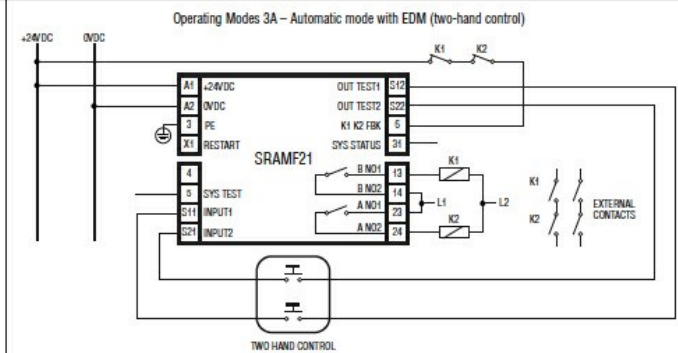
Wiring diagrams



(Mode 2M) When pin X1 is permanently connected to 24VDC the module works in Automatic Restart mode



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Certifications and compliance

Compliance

EN/BS 62061

EN/ISO/BS 13849-1

Certificates

cULus

TÜV

ETIM classification

ETIM 8.0

EC001449 -
Device for
monitoring of
safety-related
circuits