



Product designation		SRA	
Product type designation		Multifunction	
General characteristics			
General characteristics			
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

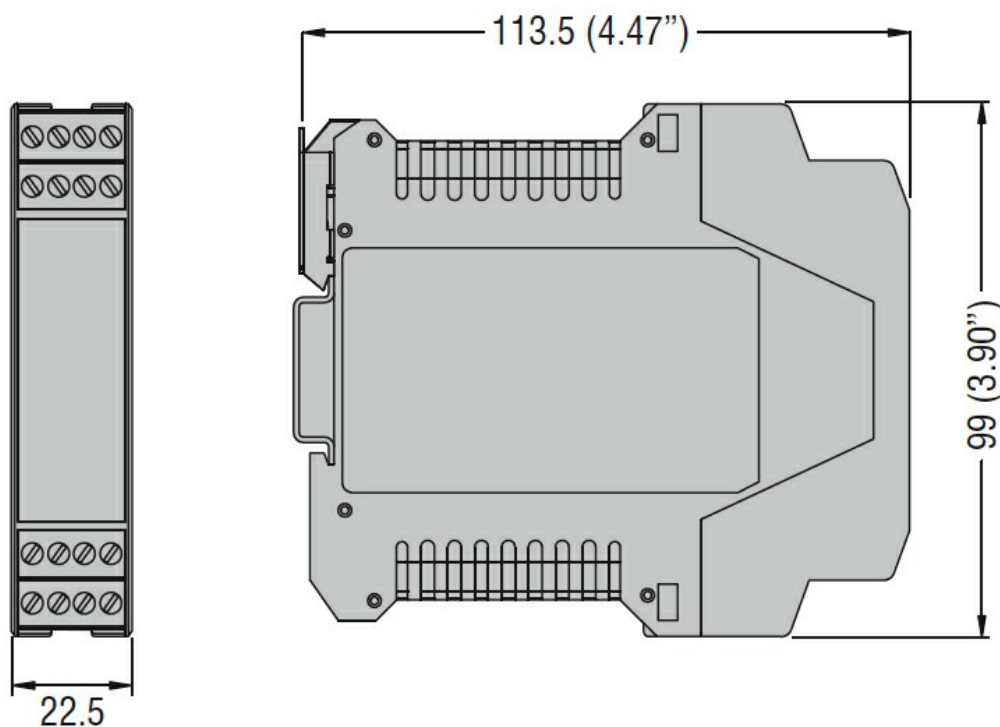
min	°C	-25
max	°C	+55

Storage temperature

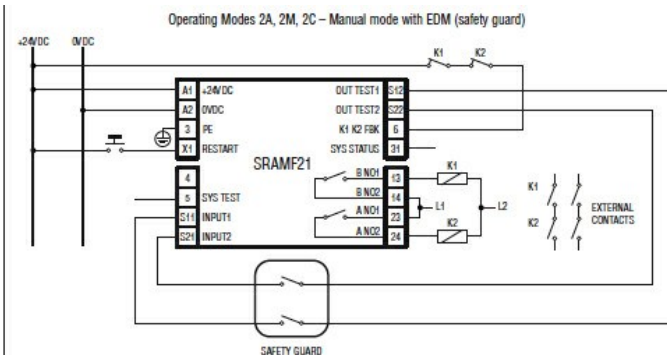
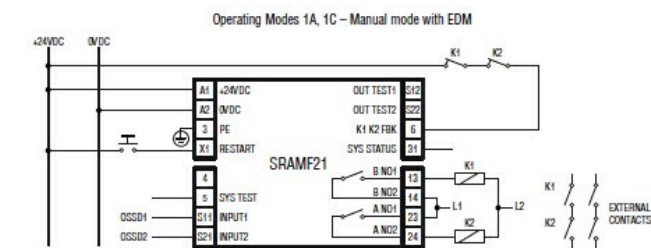
min	°C	-30
max	°C	+70

Relative humidity	%	≤95
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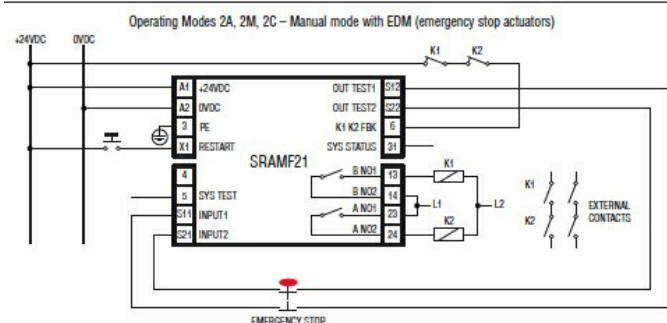
Dimensions



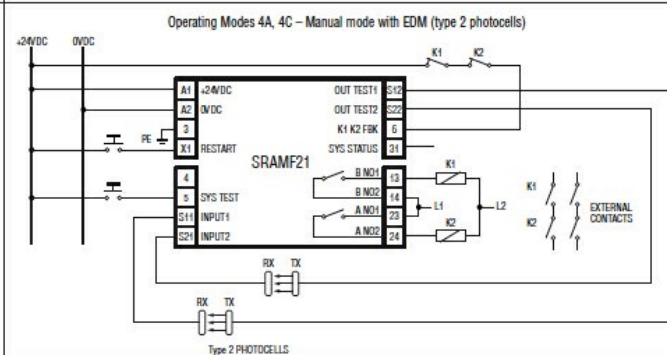
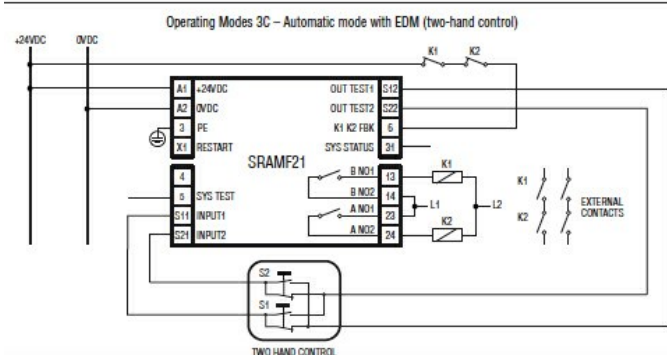
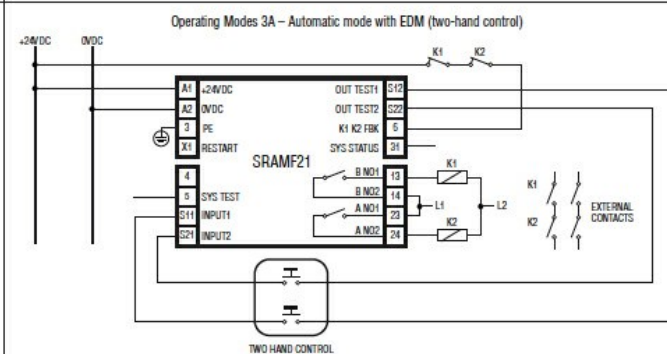
Wiring diagrams



(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