



Product designation
Product type designation

SRA
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

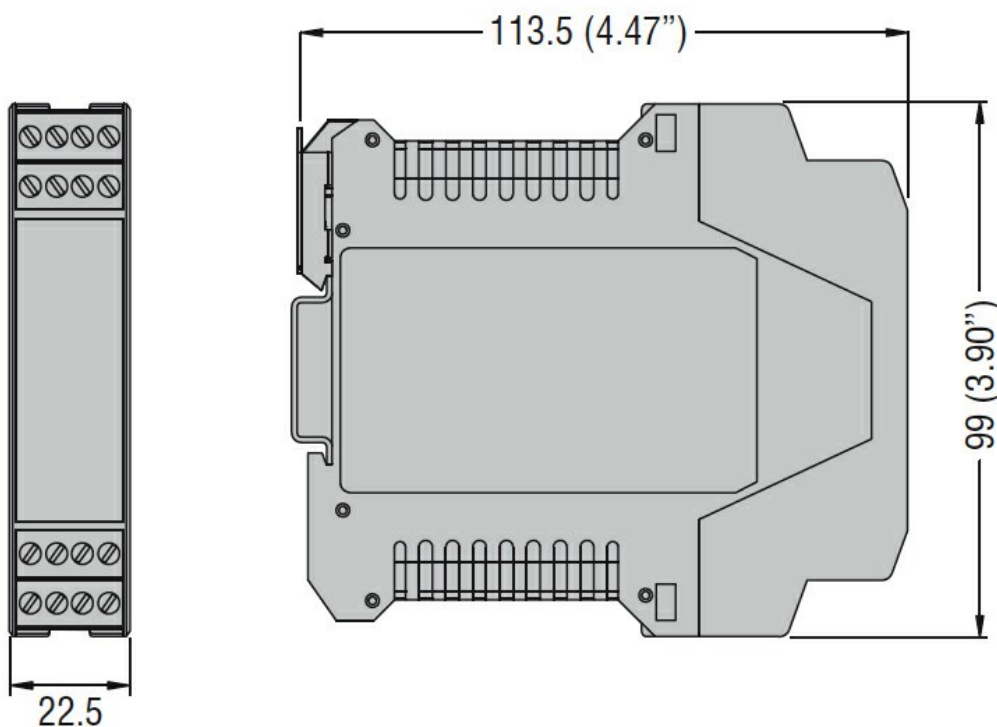
min	°C	-25
max	°C	+55

Storage temperature

min	°C	-30
max	°C	+70

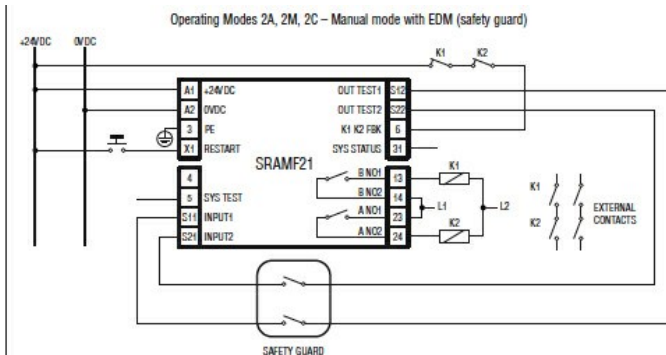
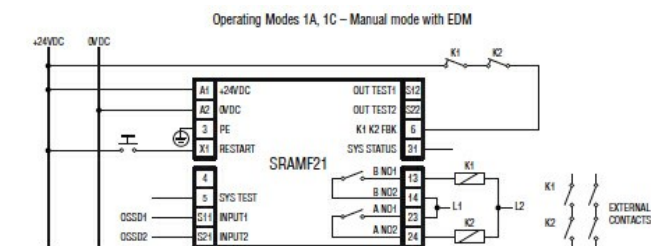
Relative humidity	%	≤95
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Dimensions

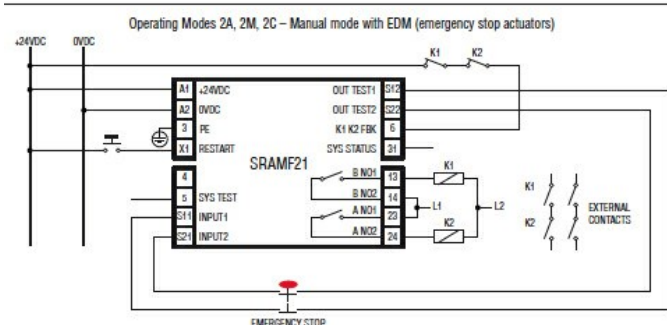


Wiring diagrams

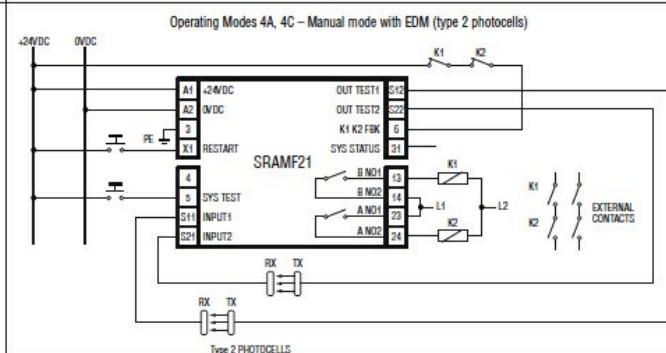
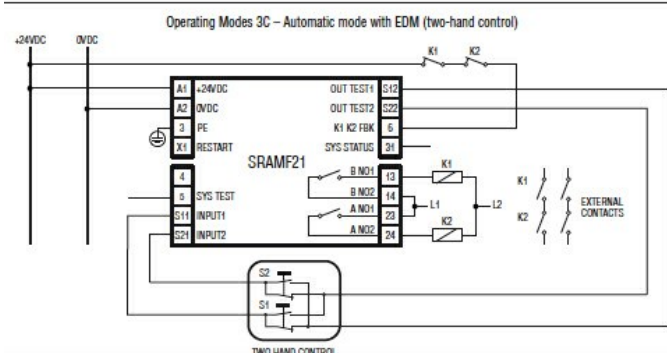
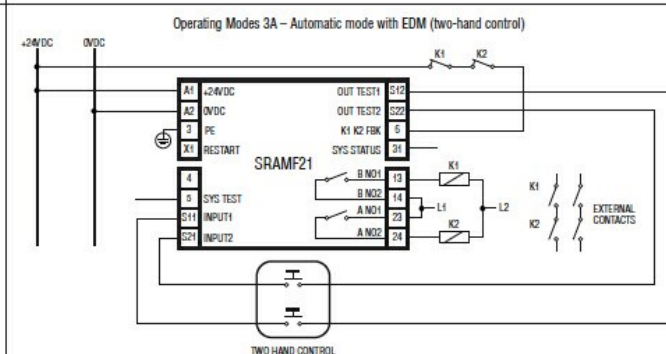
РЕЛЕ БЕЗОПАСНОСТИ СЕРИИ SRA..., МНОГОФУНКЦИОНАЛЬНОЕ, 2НР+1 ПЕРЕКИДНОЙ, С ФРОНТАЛЬНЫМ ВЫБОРОМ ТРИММЕРА, ВСПОМОГАТЕЛЬНОЕ ПИТАНИЕ 24В ПОСТ. ТОКА, С ХАРАКТЕРИСТИКАМИ ВПЛОТЬ ДО САТ.4, УРОВЕНЬ ЭФФЕКТИВНОСТИ ЗАЩИТЫ PLE



(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