



General characteristics	
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Functions	Devices OSSD
Contact characteristics	
Type of contact	2NO+1PNP
Operations	
Mechanical life	cycles >10 ⁷
Auxiliary supply	
Nominal auxiliary voltage supply	24VDC
Operating range	V 22...26VDC / 20.4...27.6VAC
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

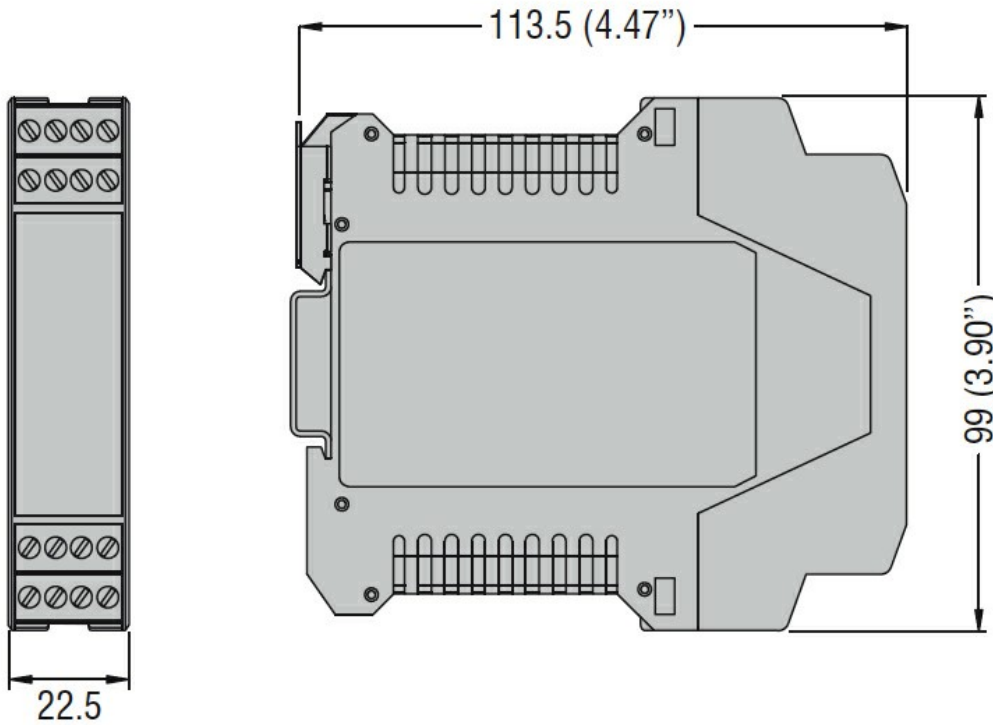
Storage temperature

min	°C	-30
max	°C	+70

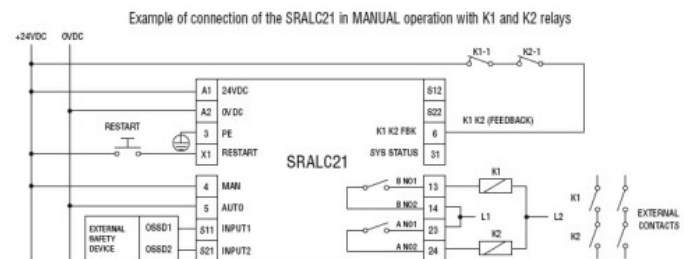
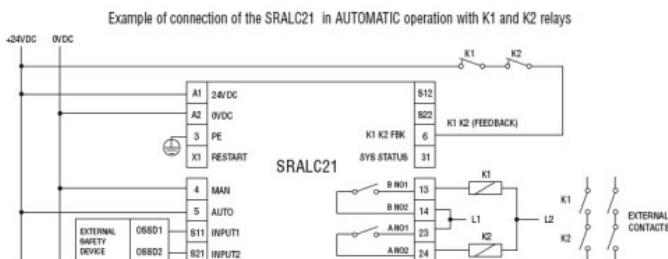
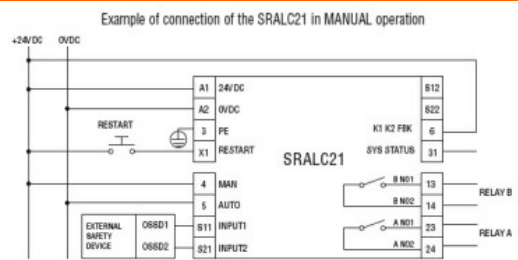
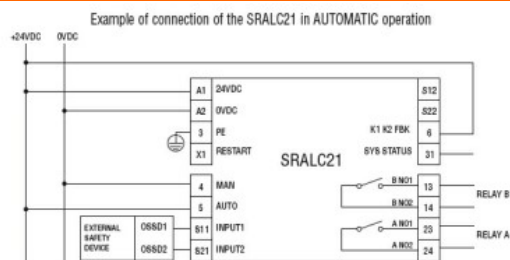
Relative humidity

%	≤95
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Dimensions



Wiring diagrams



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