



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

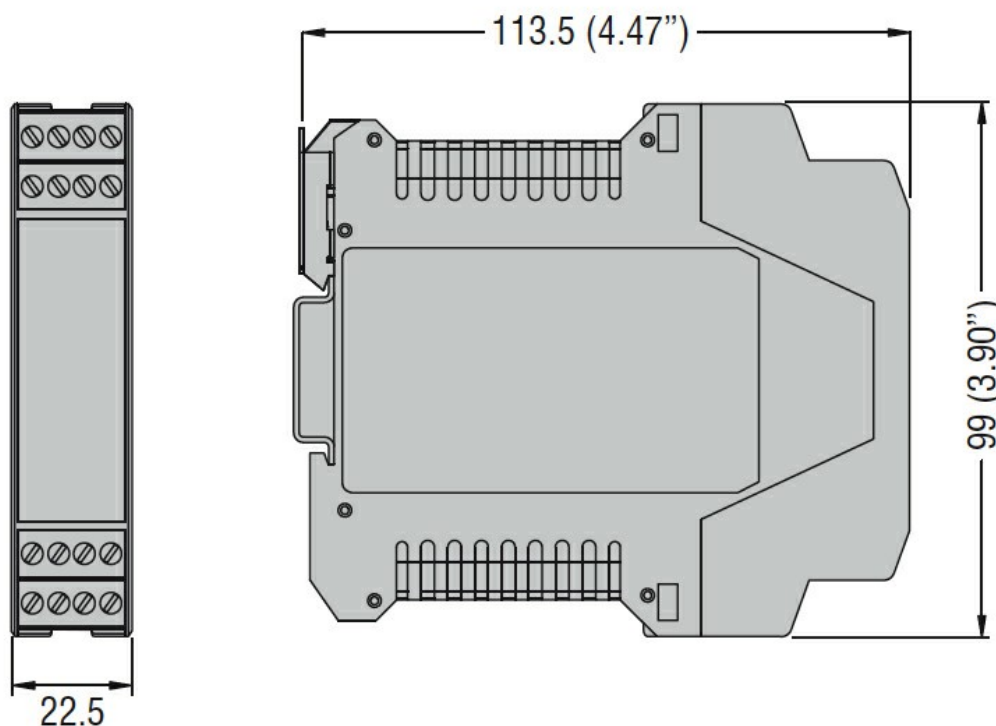
Storage temperature

min	°C	-30
max	°C	+70

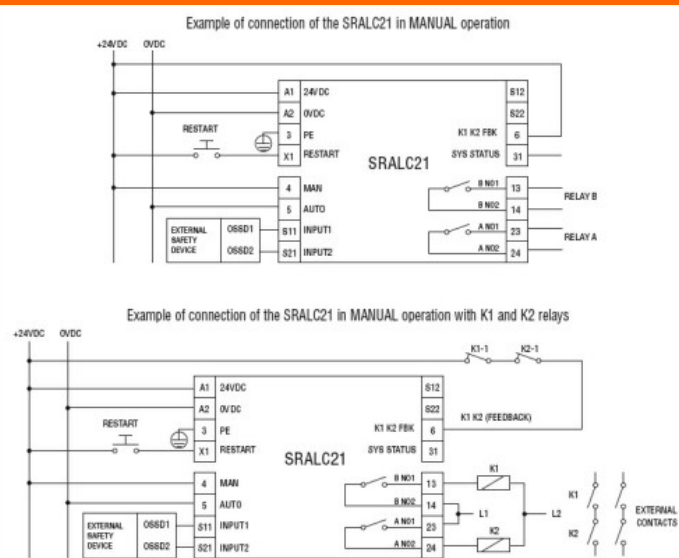
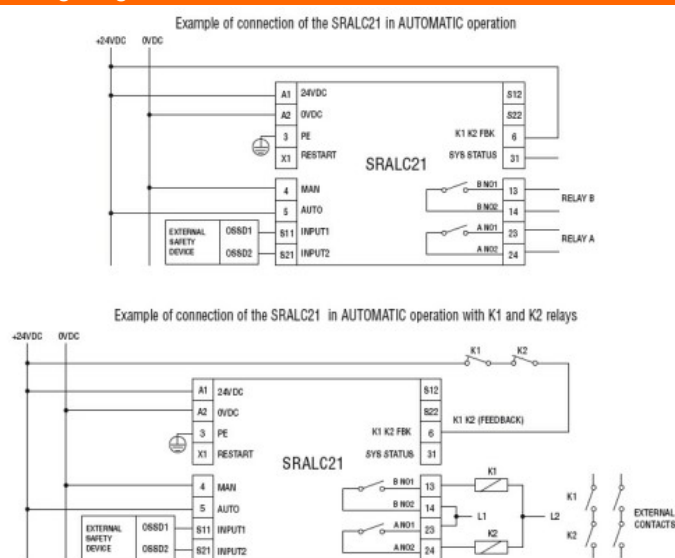
Relative humidity

%	≤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