



General characteristics			
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Functions		Devices OSSD	
Contact characteristics			
Type of contact		2NO	
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
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.	0
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
		max	°C
			-25
			+55

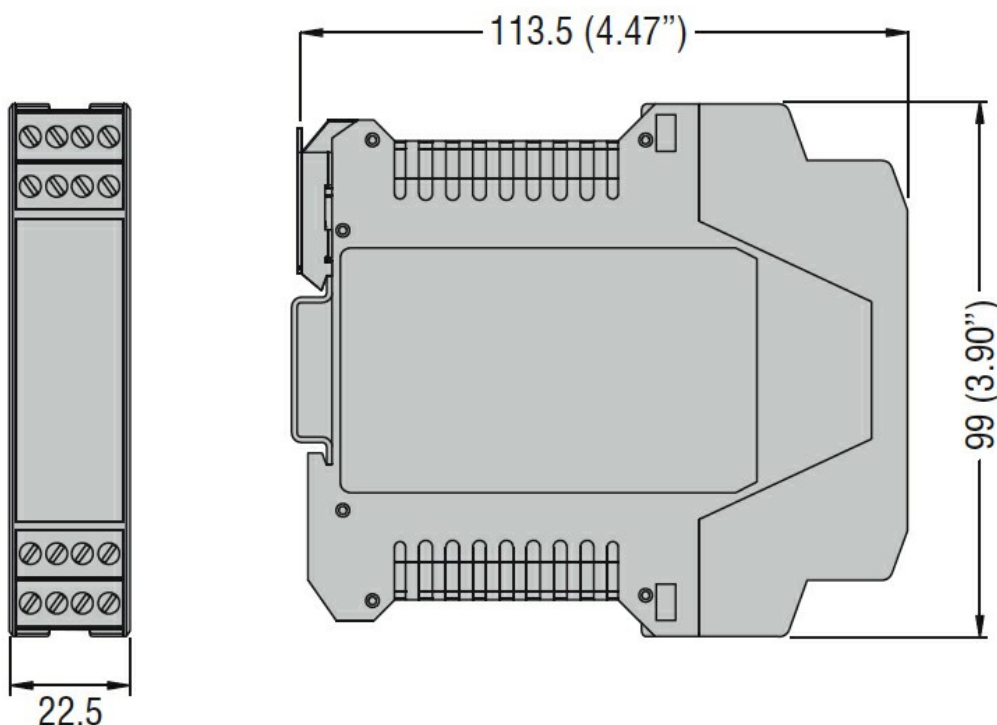
Storage temperature

min	°C	-30
max	°C	+70

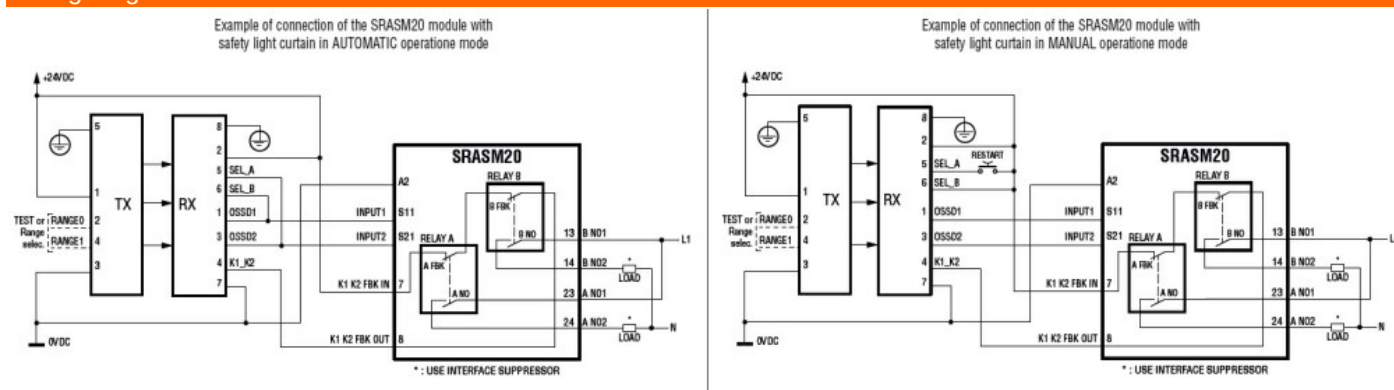
Relative humidity

%	≤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

