



SRB
Single function

Product designation			SRB
Product type designation			Single function
General characteristics			
Functions			Emergency stop
Auxiliary supply			
Nominal auxiliary voltage supply			24VAC/DC
Operating range	V		22...26VDC / 20.4...27.6VAC
Frequency range	Hz		50/60
Overvoltage category			III
Insulation voltage	kV		4
Protections			Short circuit with PTC
Input characteristics			
Number of inputs	Nr.		2
Resistance input circuit	kΩ		Max 1
Input current	mA		Typical 5
Output characteristics			
Number of safe outputs NO	Nr.		2
Number of safe outputs NC	Nr.		0
Number of feedback outputs	Nr.		0
Output type			Voltage free contacts, relays with forcibly guided contacts
Output contacts ratings			AC1 250V: 6A- 2000VA AC15 230V: 3A DC1 24V: 6A DC13 24V: 2.5A
UL 508 ratings			Pilot duty: B300- R300
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			
Cable connection			Removable screw terminal
Fixing			35mm DIN rail
Weight	g		209
Ambient conditions			
Protection degree			IP40 on front IP20 on terminals
Pollution degree			2

Temperature

Operating temperature

min	°C	-25
max	°C	+60

Storage temperature

min	°C	-30
max	°C	+70

Relative humidity

%	≤95
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Certifications and compliance

Compliance

EN/BS 13849-1

EN/BS 81-20

EN/BS 81-50

Certifications and compliance

cULus

TUV

ETIM classification

ETIM 8.0

EC001449 -
Device for
monitoring of
safety-related
circuits