



SRB324ST 24V (V.3)

- Optional: Short-circuit recognition, Manual reset with edge detection in fail-safe circuit, Automatic reset function
- 1 Auxiliary contact
- Suitable for the signal processing of outputs with contact sensors
- Suitable for signal processing of outputs connected to potentials (AOPDs), e.g. safety light grids/curtains
- 3 safety contacts, STOP 0;
2 safety contacts, STOP 1 (adjustable 1 ... 30 s)
- 4 Signalling outputs

Data

Ordering data

Replacement article number	101179876
Product type description	SRB324ST 24V (V.3)
Article number (order number)	101195504
EAN (European Article Number)	4030661446547
eCl@ss number, version 12.0	27-37-18-19
eCl@ss number, version 11.0	27-37-18-19
eCl@ss number, version 9.0	27-37-18-19
ETIM number, version 7.0	EC001449
ETIM number, version 6.0	EC001449
Notice	Discontinued product

Mechanical data

Mechanical lifetime, minimum	10,000,000 Operations
Mounting	Snaps onto standard DIN rail to EN 60715

Mechanical data - Connection technique

Terminal designations	IEC/EN 60947-1
Cable section, minimum	0.25 mm ²
Cable section, maximum	2.5 mm ²
Tightening torque of Clips	0.6 Nm
Allowed type of cable	solid single-wire flexible
Terminal (mechanical)	Schraubklemmen

Mechanical data - Dimensions

Width	45 mm
Height	100 mm
Depth	121 mm

Electrical data

Frequency range	50 Hz 60 Hz
Operating voltage	24 VAC -15 % / +10 % 24 VDC -15 % / +20 %
Ripple voltage	10 %
Rated operating voltage	24 VAC
Rated operating voltage	24 VDC
Rated AC voltage for controls, 50 Hz, minimum	20.4 VAC
Rated control voltage at AC 50 Hz, maximum	26.4 VAC
Rated AC voltage for controls, 60 Hz, minimum	20.4 VAC
Rated control voltage at AC 60 Hz, maximum	26.4 VAC
Rated AC voltage for controls at DC minimum	20.4 VDC
Rated control voltage at DC, maximum	28.8 VDC
Electrical power consumption, maximum	3.2 W
Electrical power consumption, maximum	7.1 VA
Contact resistance, maximum	0.1 Ω
Note (Contact resistance)	in new state

Drop-out delay in case of power failure, typically	80 ms
Drop-out delay in case of emergency, typically	30 ms
Drop-out delay in case of "emergency stop", maximum	36 ms
Pull-in delay at automatic start, maximum, typically	250 ms
Pull-in delay at RESET, typically	20 ms
Material of the contacts, electrical	AgSn0, Ag-Ni, self-cleaning, positive drive

Pictures

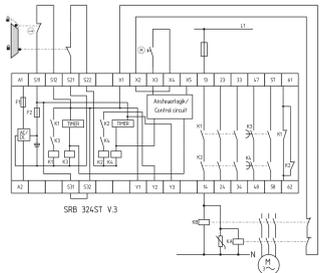
Product picture (catalogue individual photo)



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| 1.4 MB | .jpg | 342.547 x 625.122 mm - 971 x 1772 px - 72 dpi
 | 96.5 kB | .png | 74.083 x 135.114 mm - 210 x 383 px - 72 dpi
 | 63.1 kB | .jpg | 67.733 x 123.472 mm - 192 x 350 px - 72 dpi
 | 43.6 kB | .png | 74.083 x 74.083 mm - 210 x 210 px - 72 dpi
 | 9.7 MB | .png | 169.333 x 308.949 mm - 2000 x 3649 px - 300 dpi

Wiring example



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| 47.5 kB | .cdr |
 | 156.5 kB | .jpg | 352.778 x 298.097 mm - 1000 x 845 px - 72 dpi

Symbol (technical standard)

K	n-op/y	t-cycle
20 %	525.600	1,0 min
40 %	210.240	2,5 min
60 %	75.087	7,0 min
80 %	30.918	17,0 min
100 %	12.223	43,0 min

ID: kformm02

| 191.1 kB | .jpg | 352.778 x 246.592 mm - 1000 x 699 px - 72 dpi

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The details and data referred to have been carefully checked. Images may diverge from original. Further technical data can be found in the manual. Technical amendments and errors possible.

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