

## Product No: 103002205

### SCHMERSAL SRB301ST-24V-(V.3) SAFETY RELAY MODULE 103002205



#### General Information

Brand	SCHMERSAL
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#### Technical Attributes

No. of Auxiliary Contacts	1
Conduction Resistance ( $\Omega$ )	40
Contact Material	AgSn0, Self-cleaning, Positive Drive
Contact Resistance ( $\Omega$ )	0.1
Frequency Range (Hz)	50 - 60
Maximum Cable Cross Section ( $\text{mm}^2$ )	2.5
Maximum Rated Control Voltage AC (V)	26.4
Maximum Rated Control Voltage DC (V)	28.8
Maximum Storage Temperature ( $^{\circ}\text{C}$ )	85
Maximum Switching Capacity (A)	2A (Auxiliary Contacts), 8A (Safe Relay Outputs)
Maximum Switching Capacity AC (V)	250V (Safe Relay Outputs)
Maximum Switching Capacity DC (V)	24V (Auxiliary Contacts)
Minimum Cable Cross Section ( $\text{mm}^2$ )	0.25
Minimum Mechanical Life	10000000 Operations
Minimum Rated Control Voltage AC (V)	20.4
Minimum Rated Control Voltage DC (V)	20.4
Minimum Storage Temperature ( $^{\circ}\text{C}$ )	-40
Minimum Switching Capacity (mA)	10mA (Safe Relay Outputs)
Minimum Switching Capacity DC (V)	10V (Safe Relay Outputs)

No. of Normally-closed Contacts	2
No. of Safety Contacts	3
Power Consumption (VA)	4.9
Power Consumption (W)	2
Rated Impulse Withstand Voltage (kV)	4
Rated Operational Current AC-15 (A)	6A (Safe Relay Outputs)
Rated Operational Current DC-13 (A)	6A (Safe Relay Outputs)
Rated Operational Voltage (V)	24V AC -15%/+10%
Rated Operational Voltage AC-15 (V)	230V (Safe Relay Outputs)
Rated Operational Voltage DC-13 (V)	24V (Safety Relay Outputs)
Resistance to Shock (g/ms)	30g / 11ms
Resistance to Vibrations	10 ... 55Hz, Amplitude 0.35mm
Termination	Screw Connection, Plug-in
Tightening Torque (Nm)	0.6
Voltage Type	DC

### Physical Attributes

Housing Material	Glass-fibre, Reinforced Thermoplastic, Ventilated
Maximum Ambient Temperature (°C)	60
Minimum Ambient Temperature (°C)	-25
No. of LEDs	5

### Dimensions

Depth (mm)	121
Height (mm)	120
Width (mm)	22.5

### Protection & Standards

Degree of Protection	IP40, Clips - IP20
Pollution Degree	2
Standards and Approvals	EN IEC 60947-5-1, EN IEC 61508, EN 60068-2-78



## Resources

Product catalogue (Flipbook)

[Download from here](#)

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