Product No: 101163475

SCHMERSAL SRB301LC-24VAC/DC SAFETY-MONITORING MODULE 101163475

FEATURES

- Two-hand control panel with one signaling output
- Stop category 0 for emergency stopping
- Features electronic fuse and wire breakage detection
- Short-circuit recognition capability
- Removable terminals for easy maintenance
- Feedback circuit included for system monitoring
- Automatic reset function for operational efficiency
- Earth connection detection to ensure safety compliance

Note: The axis of the hinge must be 10 mm above and in a parallel plane to the top surface of the safety switch. | minimum actuating radius on rotating guard systems via the narrow edge of the actuator 140 mm | minimum actuating radius on hinged guards in line with the plane of the actuator 200 mm | The actuator is not available separately.

General Information	
Brand	SCHMERSAL
Cable Note	All indications including the conductor ferrules.
EAN	4250120000000
eCl@ss Number, Version 11.0	27-27-27-03
eCl@ss Number, Version 9.0	27-27-27-04
ETIM 6.0	EC002549
ETIM 7.0	EC002549
Housing Construction Form	Norm construction design
Product Type	Monitoring Module
Series	SRB
Working Principle	Electromechanical

Technical Attributes	
No. of Auxiliary Contacts	1
Contact Material	Silver

Maximum Actuating Speed (m/s)	1
Maximum Cable Cross Section (mm²)	1.5
Maximum Fuse Rating	6 A gG D-fuse
Minimum Cable Cross Section (mm²)	1 x 0.5
Minimum Mechanical Life	1000000 Operations
Minimum Positive Break Force (N)	17
No. of Safety Contacts	2
Nominal Output Current (A)	0.1
Overvoltage Category	3
Rated Impulse Withstand Voltage (kV)	6
Rated Insulation Voltage (V)	500
Rated Maximum Operational Voltage DC (V)	24
Rated Short-circuit Current (A)	1000
Switching Element	Opener (NC)
Switching Principle	Snap action
Terminal Type	Connector
Thermal Test Current (A)	2.5
Utilisation Category	DC-13	AC-15
Utilisation Category DC-13	0.05 A

Physical Attributes

Enclosure Material	Plastic, glass-fibre-reinforced
Gross Weight (g)	4300
Maximum Ambient Temperature (°C)	80
Maximum Temperature (°C)	60
Minimum Ambient Temperature (°C)	-25
Minimum Temperature (°C)	-25
Net Weight (g)	255
Wire Cross-Section	0.5 mm

Dimensions

Sensor Height (mm)	119

Sensor Length (mm)	32.5

Protection & Standards

Degree of Protection	IP20
Standards	EN IEC 60947-5-1

Resources

Product catalogue (Flipbook)	[Download from here](#)