ipd

Product No: 101176209

SCHMERSAL SRB400CS-24VDC SAFETY-MONITORING MODULE 101176209

FEATURES

- Safety-monitoring module SRB202CA/T-24VDC by Schmersal
- Signalling output: 2, STOP 0 function
- Auxiliary contacts: 2
- Features 6 LEDs for status indication
- Includes 1 opener and 3 shutters
- Equipped with 2 safety contacts
- Wire breakage detection and short-circuit recognition capabilities
- Removable terminals for easy wiring
- Start input and feedback circuit included

Note: Evaluation requirements: The switch-off pauses of 250 µs €" 1500 µs must be tolerated by the evaluation. The switch-off time of the safety sensor of 250s is additionally extended according the cable length and the capacity of the cable used. Typically a switch off time of 500s with 100 m of connection cable is reached.

General Information	
Brand	SCHMERSAL
Cable Note	All indications including the conductor ferrules.
EAN	4250120000000
eCl@ss Number, Version 11.0	27-27-06-01
eCl@ss Number, Version 9.0	27-27-26-01
ETIM 6.0	EC000030
ETIM 7.0	EC000030
Product Type	Monitoring Module
Series	SRB
Working Principle	RFID

Technical Attributes	
Contact Material	Silver
Maximum Actuating Speed (m/s)	2

Maximum Fuse Rating	6 A gG D-fuse
Minimum Cable Cross Section (mm²)	0.75
Minimum Mechanical Life	1000000 Operations
No. of Safety Contacts	2
Nominal Power (W)	4.4
Rated Impulse Withstand Voltage (kV)	6
Rated Insulation Voltage (V)	500
Rated Maximum Operational Voltage AC (V)	24
Rated Maximum Operational Voltage DC (V)	24
Rated Short-circuit Current (A)	1000
Switching Element	Normally open contact (NO)
Switching Principle	Slow action
Terminal Type	Cable
Utilisation Category	DC-13 | AC-15
Utilisation Category DC-13	1.5 A

Physical Attributes

Actuator Type	Roller plunger
Enclosure Material	Plastic, glass-fibre reinforced thermoplastic, self-extinguishing
Gross Weight (g)	115.61
Maximum Ambient Temperature (ºC)	80
Maximum Temperature (ºC)	60
Minimum Ambient Temperature (ºC)	-25
Minimum Temperature (ºC)	-25
Net Weight (g)	30.079

Dimensions

Sensor Height (mm)	171.5
Sensor Length (mm)	31

Protection & Standards

Degree of Protection	IP20
Standards	EN IEC 60947-5-1 / EN IEC 60947-5-5 / EN ISO 13850

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