

Product No: 101177198

SCHMERSAL CST180-1 SAFETY SENSOR 101177198

FEATURES

- Safety switch with separate actuator
- Metal enclosure with latching handle
- Actuating head can be rotated by 270 degrees
- Features 3 safety contacts (NC)
- Right side door hinge orientation
- Screw connection terminal connector
- Thermal test current of 10 A
- Rated for AC-15: 230 VAC at 4 A, DC-13: 24 VDC at 4 A
- IP67 rated for dust and water resistance



Note: As long as the actuating unit is applied to the solenoid interlock, the unlocked safety guard can be relocked. In this case, the safety outputs are re-enabled, so that the safety guard must not be opened.

General Information

Brand	SCHMERSAL
Cable Note	All indications including the conductor ferrules.
EAN	4030660000000
eCl@ss Number, Version 11.0	27-27-26-01
eCl@ss Number, Version 9.0	27-27-26-01
ETIM 6.0	EC000030
ETIM 7.0	EC000030
Product Type	Safety Sensor
Series	CST180
Working Principle	RFID

Technical Attributes

Contact Material	Silver
Maximum Actuating Speed (m/s)	0.5
Maximum Cable Cross Section (mm ²)	2.5
Maximum Fuse Rating	6 A gG D-fuse
Minimum Cable Cross Section (mm ²)	0.25

Minimum Mechanical Life	20000000 Operations
No. of Safety Contacts	2
Rated Impulse Withstand Voltage (kV)	6
Rated Insulation Voltage (V)	250
Rated Short-circuit Current (A)	100
Switching Element	NO contact, NC contact
Switching Principle	Slow action
Terminal Type	Screw terminals M20 x 1.5
Thermal Test Current (A)	0.25
Utilisation Category	DC-13 AC-15

Physical Attributes

Actuator Type	Roller plunger
Enclosure Material	Glass-fibre reinforced thermoplastic, self-extinguishing
Gross Weight (g)	923.28
Maximum Ambient Temperature (°C)	80
Minimum Ambient Temperature (°C)	-25
Net Weight (g)	713

Dimensions

Sensor Height (mm)	103.5
Sensor Length (mm)	30

Protection & Standards

Degree of Protection	IP67
Standards	EN IEC 60947-5-1 / EN ISO 14119 / BG-GS-ET-15

Resources

Product catalogue (Flipbook)	Download from here
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