

Product No: 101182696

SCHMERSAL TESF/CC/180 HINGE SAFETY SWITCH 101182696

FEATURES

- Hinge safety switch with metal enclosure
- Adjustable switching angle for versatile installation
- Equipped with an additional hinge for extended functionality
- Features 2 auxiliary contacts and 2 safety contacts
- Screw connection terminal connector for secure wiring
- Includes both NO (normally open) and NC (normally closed) contact elements
- Thermal test current rated at 2.5 A
- Suitable for use in AC-15 category at 230 VAC, up to 2 A
- Suitable for use in DC-13 category at 24 VDC, up to 1 A

Note: As long as the actuating unit remains inserted in 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
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 Switch
Series	TESF

Technical Attributes

Contact Material	Silver
Maximum Actuating Speed (m/s)	0.2
Maximum Cable Cross Section (mm ²)	1.5
Maximum Fuse Rating	4 A gG D-fuse to DIN EN 60269-1

Minimum Mechanical Life	10000000 Operations
No. of Safety Contacts	3
Rated Impulse Withstand Voltage (kV)	4
Rated Insulation Voltage (V)	400
Rated Short-circuit Current (A)	100
Switching Element	Opener (NC)
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 lever
Enclosure Material	Plastic, glass-fibre reinforced thermoplastic, self-extinguishing
Gross Weight (g)	845
Maximum Ambient Temperature (°C)	80
Maximum Temperature (°C)	65
Minimum Ambient Temperature (°C)	-30
Minimum Temperature (°C)	-25
Net Weight (g)	690

Dimensions

Sensor Height (mm)	93.1
Sensor Length (mm)	13

Protection & Standards

Degree of Protection	IP65
Standards	EN 81-20 / EN 81-50

Resources

Product catalogue (Flipbook)	Download from here
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