

Product No: 101161097

SCHMERSAL SAFETY SWITCH WITH SEPARATE ACTUATOR 101161097

Note: See figure: Operating principle: key 1-3 in pos. 1. Magnet de-energised: key switch locked, NC closed, key not withdrawable. Key 1-3 in pos. 1. Magnet energised, NC open: key switch unlocked, NC closed, key not withdrawable. Key 1-3 in pos. 2. Magnet energised, NC open: key switch unlocked, NC open, key withdrawable. Triangular tool for manual release in pos. 3: key switch mechanically unlocked, magnet out of service, NC open. Triangular tool for manual release in pos. 4: magnet functional



General Information

Brand	SCHMERSAL
Cable Note	All indications including the conductor ferrules.
EAN	4030660000000
eCl@ss Number, Version 11.0	27-27-27-04
eCl@ss Number, Version 9.0	27-27-26-03
ETIM 6.0	EC002549
ETIM 7.0	EC002544
Housing Construction Form	Norm construction design
Product Type	Safety Switch
Working Principle	Electromechanical

Technical Attributes

No. of Auxiliary Contacts	2
Contact Material	Silver
Maximum Actuating Speed (m/s)	2
Maximum Cable Cross Section (mm ²)	1.5
Maximum Fuse Rating	6 A gG D-fuse
Minimum Cable Cross Section (mm ²)	0.34
Minimum Mechanical Life	1000000 Operations
Minimum Positive Break Force (N)	40
No. of Safety Contacts	2

Rated Impulse Withstand Voltage (kV)	6
Rated Insulation Voltage (V)	500
Rated Short-circuit Current (A)	1000
Switching Element	1 NO contact, 2 NC contacts
Switching Principle	Slow action
Terminal Type	Connector
Thermal Test Current (A)	2.5
Utilisation Category	DC-13 AC-15
Utilisation Category DC-13	0.25 A

Physical Attributes

Actuator Type	Plunger
Enclosure Material	Metal, zinc die-cast
Gross Weight (g)	40
Maximum Ambient Temperature (°C)	80
Minimum Ambient Temperature (°C)	-30
Net Weight (g)	190
Storage Temperature (°C)	-25 to 85
Wire Cross-Section	0.25 mm

Dimensions

Sensor Height (mm)	107
Sensor Length (mm)	32.5

Protection & Standards

Degree of Protection	IP65
Standards	EN IEC 61496-1 / EN IEC 61496-2

Resources

Product catalogue (Flipbook)	Download from here
------------------------------	------------------------------------