

Product No:101154699

SCHMERSAL AZ16-02ZVK-M16 SAFETY SWITCH WITH SEPARATE ACTUATOR 101154699

FEATURES

- Safety sensor with thermoplastic enclosure
- Features coding and integral system diagnostics
- Equipped with 2 openers and 1 shutter
- Includes 2 safety contacts
- Comes with a 5-meter cable featuring 4 wires
- Utilizes a magnet as the actuating element
- M30 ISO thread for easy integration
- Operates at a switching voltage of 24 VDC
- Supports a switching current of 0.01 A



Note: Switch with 2 NO contacts are not for security tasks

General Information

Brand	SCHMERSAL
Cable Note	All indications including the conductor ferrules.
Coding Level According to EN ISO 14119	High
EAN	4030660000000
eCl@ss Number, Version 11.0	27-27-34-02
eCl@ss Number, Version 9.0	27-27-34-02
ETIM 6.0	EC002887
ETIM 7.0	EC002635
Housing Construction Form	Norm construction design
Product Type	Safety Switch
Series	AZ16
Working Principle	Electromechanical

Technical Attributes

No. of Auxiliary Contacts	2
Contact Material	Silver
Maximum Actuating Speed (m/s)	1
Maximum Cable Cross Section (mm ²)	1

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	1
Overvoltage Category	3
Rated Impulse Withstand Voltage (kV)	6
Rated Insulation Voltage (V)	250
Rated Short-circuit Current (A)	1000
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
Utilisation Category DC-13	0.25 A

Physical Attributes

Actuator Type	Offset roller lever
Enclosure Material	Aluminium
Gross Weight (g)	35
Maximum Ambient Temperature (°C)	65
Maximum Temperature (°C)	80
Minimum Ambient Temperature (°C)	-30
Minimum Temperature (°C)	-30
Net Weight (g)	28
Storage Temperature (°C)	-25 to 85
Wire Cross-Section	0.25 mm

Dimensions

Sensor Height (mm)	27
Sensor Length (mm)	33

Protection & Standards

Degree of Protection	IP67
Standards	EN IEC 61496-1 / EN IEC 61496-2

Resources

Product catalogue (Flipbook)	Download from here
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