

## Product No: 101154221

### SCHMERSAL AZ 16-12ZVRK-M16 SAFETY SWITCH WITH SEPARATE ACTUATOR 101154221

#### FEATURES

- Safety switch with separate actuator
- Thermoplastic enclosure
- Safety contacts: 3
- Screw connection terminal connector
- Switching element: Opener (NC)
- Thermal test current: 10 A
- Utilisation category AC-15: 230 VAC, 4 A
- Utilisation category DC-13: 24 VDC, 4 A
- IP Rating: IP67



Note: Individual coding available on request

#### 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	27-44-01-02
ETIM 6.0	EC002887
ETIM 7.0	EC001855
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 <sup>2</sup> )	1

Maximum Fuse Rating	6 A gG D-fuse
Minimum Cable Cross Section (mm <sup>2</sup> )	0.34
Minimum Mechanical Life	1000000 Operations
Minimum Positive Break Force (N)	40
No. of Safety Contacts	2
Overvoltage Category	3
Rated Impulse Withstand Voltage (kV)	4
Rated Insulation Voltage (V)	500
Rated Short-circuit Current (A)	1000
Switching Element	Opener (NC)
Switching Principle	Snap action
Terminal Type	Screw terminals M20 x 1.5
Utilisation Category	DC-13   AC-15
Utilisation Category DC-13	0.05 A

### Physical Attributes

Actuator Type	Roller plunger
Enclosure Material	Aluminium
Gross Weight (g)	20
Maximum Ambient Temperature (°C)	70
Maximum Temperature (°C)	80
Minimum Ambient Temperature (°C)	-30
Minimum Temperature (°C)	-30
Net Weight (g)	3930
Storage Temperature (°C)	-25 to 85
Wire Cross-Section	0.5 mm

### Dimensions

Sensor Height (mm)	121.5
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](#)