

## Product No: 101152887

### SCHMERSAL AZ16ZVK-M16 SAFETY SWITCH WITH SEPARATE ACTUATOR 101152887

#### FEATURES

- Position switch with thermoplastic enclosure
- Actuating element: Offset roller lever
- Switching element: Opener (NC)
- Thermal test current: 10 A
- Utilisation category AC-15: 240 VAC, 4 A
- Utilisation category DC-13: 24 VDC, 1 A
- IP Rating: IP67 for dust and water resistance



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	27-37-12-43
eCl@ss Number, Version 9.0	27-37-14-03
ETIM 6.0	EC001029
ETIM 7.0	EC002593
Housing Construction Form	Norm construction design
Product Type	Safety Switch
Series	AZ16
Working Principle	Electromechanical

#### Technical Attributes

No. of Auxiliary Contacts	1
Contact Material	Silver
Maximum Actuating Speed (m/s)	1
Maximum Cable Cross Section (mm <sup>2</sup> )	2 x 2.5
Maximum Fuse Rating	10 A gG D-fuse slow blow

Minimum Actuating Speed (mm/min)	240
Minimum Cable Cross Section (mm <sup>2</sup> )	0.75
Minimum Mechanical Life	1000000 Operations
Minimum Positive Break Force (N)	20
No. of Safety Contacts	1
Overvoltage Category	3
Rated Impulse Withstand Voltage (kV)	4
Rated Insulation Voltage (V)	500
Rated Short-circuit Current (A)	1000
Resistance to Shock (g/ms)	30 / 11
Switching Element	NC contact, NO 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
Utilisation Category DC-13	0.05 A

### Physical Attributes

Actuator Type	Roller lever
Enclosure Material	Aluminium
Gross Weight (g)	35
Maximum Ambient Temperature (°C)	70
Maximum Temperature (°C)	80
Minimum Ambient Temperature (°C)	-15
Minimum Temperature (°C)	-30
Net Weight (g)	272.22
Storage Temperature (°C)	-40 to 85
Wire Cross-Section	0.25 mm

### Dimensions

Sensor Height (mm)	90
Sensor Length (mm)	38

## Protection & Standards

Degree of Protection

IP67

Standards

EN IEC 61496-1 / CLC/TS 61496-2

## Resources

Product catalogue (Flipbook)

[Download from here](#)