

Product No: 101152725

SCHMERSAL AZ16-12ZVK-M16 SAFETY SWITCH WITH SEPARATE ACTUATOR 101152725

FEATURES

- Position switch with metal enclosure
- Actuating element: Roller lever
- Switching elements: 1 NO contact and 1 NC contact
- Thermal test current: 6 A
- Utilisation category AC-15: 230 VAC at 2.5 A
- IP Rating: IP67 for dust and water resistance
- Operating temperature range from -30 °C to +80 °C
- Complies with standards IEC 60947-5-1, ISO 13849-1, BG-GS-ET-15, and cULus certifications



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	27-27-26-01
eCl@ss Number, Version 9.0	23-13-01-03
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 ²)	2 x 2.5

Maximum Fuse Rating	10 A gG D-fuse slow blow
Minimum Actuating Speed (mm/min)	60
Minimum Cable Cross Section (mm ²)	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)	6
Rated Insulation Voltage (V)	400
Rated Short-circuit Current (A)	1000
Resistance to Shock (g/ms)	30 / 11
Switching Element	NC contact, NO contact
Switching Principle	Snap action
Terminal Type	Connector plug M12, 8-pole, (A-coding)
Utilisation Category	DC-13 AC-15
Utilisation Category DC-13	0.25 A

Physical Attributes

Actuator Type	Roller lever
Enclosure Material	Aluminium
Gross Weight (g)	90
Maximum Ambient Temperature (°C)	70
Maximum Temperature (°C)	80
Minimum Ambient Temperature (°C)	-15
Minimum Temperature (°C)	-30
Net Weight (g)	185
Storage Temperature (°C)	25 to 85
Wire Cross-Section	0.5 mm

Dimensions

Sensor Height (mm)	25
Sensor Length (mm)	57.25

Protection & Standards

Degree of Protection

IP67

Standards

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

Resources

Product catalogue (Flipbook)

[Download from here](#)