

## Product No: 101137434

### SCHMERSAL AZ 15/16-B6 SAFETY SWITCH WITH SEPARATE ACTUATOR 101137434

#### FEATURES

- Safety sensor with thermoplastic enclosure
- Features coding and integral system diagnostics
- Integrated safety monitoring module
- Single opener and no shutters
- One safety contact and four cable wires
- Actuating element is a magnet
- Comes with a 2-meter cable terminal connector
- M30 ISO thread for the sensor
- Switching voltage rated at 250 VAC



*Note: Instead of nuts, a mounting clamp can be provided.*

#### General Information

Brand	SCHMERSAL
Cable Note	All indications including the conductor ferrules.
Coding Level According to EN ISO 14119	Low
EAN	4030660000000
eCl@ss Number, Version 11.0	27-20-10-01
eCl@ss Number, Version 9.0	27-37-12-43
ETIM 6.0	EC000641
ETIM 7.0	EC001487
Housing Construction Form	Norm construction design
Product Type	Accessory
Series	AZ15/16
Working Principle	Electromechanical

#### Technical Attributes

No. of Auxiliary Contacts	8
Contact Material	Silver
Maximum Actuating Speed (m/s)	1
Maximum Cable Cross Section (mm <sup>2</sup> )	1.5

Maximum Fuse Rating	6 A gG D-fuse quick blow
Minimum Actuating Speed (mm/min)	4122
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	2
Overvoltage Category	3
Rated Impulse Withstand Voltage (kV)	4
Rated Insulation Voltage (V)	300
Rated Short-circuit Current (A)	1000
Resistance to Shock (g/ms)	30 / 11
Switching Element	Opener (NC)
Switching Principle	Slow action
Terminal Type	Connector
Utilisation Category	DC-13   AC-15
Utilisation Category DC-13	0.05 A

### Physical Attributes

Actuator Type	Magnet
Enclosure Coating Material	Painted
Enclosure Material	Brass
Gross Weight (g)	40
Maximum Ambient Temperature (°C)	70
Minimum Ambient Temperature (°C)	-30
Mounting Type	A 20 mm screw length usually suffices to mount the sensor. When the mounting plates are used, we recommend 25 mm long screws.
Net Weight (g)	36
Storage Temperature (°C)	-25 to 85
Wire Cross-Section	0.25 mm

### Dimensions

Height (mm)	96
Sensor Height (mm)	121.5
Sensor Length (mm)	30
Width (mm)	40

### Protection & Standards

Degree of Protection	IP67 / IP69K
Pollution Degree	3
Standards	EN IEC 60947-5-1 / EN ISO 13849-1 / BG-GS-ET-15

### Resources

Product catalogue (Flipbook)	<a href="#">Download from here</a>
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