

## Product No: 101121960

### SCHMERSAL AZ17-11ZK SAFETY SWITCH WITH SEPARATE ACTUATOR 101121960

#### FEATURES

- Belt alignment switch with metal enclosure
- Single opener and single shutter configuration
- Screw connection terminal connector
- Features both NO (normally open) and NC (normally closed) contacts
- Thermal test current rated at 16 A
- Utilisation category AC-15 rated for 230 VAC at 4 A
- Part of the Series 441
- IP65 rating for dust and water resistance
- Operating temperature range from -30 °C to +90 °C



*Note: In case of failure (interruption of the 0 V supply) the maximum leakage current is 1 mA.*

#### 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	27-27-06-01
eCl@ss Number, Version 9.0	27-27-34-91
ETIM 6.0	EC002887
ETIM 7.0	EC000030
Housing Construction Form	Norm construction design
Product Type	Safety Switch
Protection Class of Operating Resource	3
Recommended Safety Switchgear	PROTECT PSC1   SRB-E-301ST   SRB-E-201LC
Series	AZ17
Working Principle	Magnetic drive

#### Technical Attributes

No. of Auxiliary Contacts	3
Contact Material	Silver
Maximum Actuating Speed (m/s)	1
Maximum Cable Cross Section (mm <sup>2</sup> )	2 x 2.5
Maximum Fuse Rating	6 A gG D-fuse
Maximum Switching Capacity (W)	3
Minimum Actuating Speed (mm/min)	600
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	3
Overvoltage Category	3
Rated Impulse Withstand Voltage (kV)	4
Rated Insulation Voltage (V)	400
Rated Operating Current (mA)	1200
Rated Short-circuit Current (A)	400
Resistance to Shock (g/ms)	110 / 4 - 30 / 18
Switching Element	1 NO contact, 1 NC contacts
Switching Principle	Slow action
Terminal Type	Connector 8 mm, 6-pole, Latching interlocking
Utilisation Category	DC-13   AC-15
Utilisation Category DC-13	0.25 A

### Physical Attributes

Actuator Type	Magnet
Enclosure Coating Material	Painted
Enclosure Material	Glass-fibre, reinforced thermoplastic
Gross Weight (g)	60
Installation Conditions	Not flush
Maximum Ambient Temperature (°C)	65
Maximum Temperature (°C)	80
Minimum Ambient Temperature (°C)	0

Minimum Temperature (°C)	-30
Mounting Type	Snaps onto standard DIN rail to EN 60715
Net Weight (g)	281.74
Storage Temperature (°C)	-25 to 70
Wire Cross-Section	0.25 mm

### Dimensions

Height (mm)	98
Sensor Height (mm)	1731
Sensor Length (mm)	30
Width (mm)	48

### Protection & Standards

Degree of Protection	IP67
Pollution Degree	2
Standards	EN IEC 60947-5-1 / BG-GS-ET-15

### Resources

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