

Product No:101140772

SCHMERSAL AZ17-I1ZK-ST SAFETY SWITCH WITH SEPARATE ACTUATOR 101140772

FEATURES

- Solenoid interlock with power to lock feature
- Manual release mechanism included
- Two actuating directions for versatile application
- Equipped with one auxiliary contact and one safety contact
- IDC method of termination for easy connection
- Normally open (NO) and normally closed (NC) contacts provided
- Thermal test current rated at 6 A
- Rated control voltage of 24 VAC/DC for compatibility with various systems
- Utilisation category AC-15 rated at 230 VAC, 4 A for robust performance

Note: Contact symbols shown for the closed condition of the guard device. | The contact configuration for versions with or without LED is identical.

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	27-37-12-18
eCl@ss Number, Version 9.0	27-37-12-05
ETIM 6.0	EC002591
ETIM 7.0	EC000221
Housing Construction Form	Norm construction design
Product Type	Safety Switch
Protection Class of Operating Resource	3
Series	AZ17
Working Principle	Electromechanical

Technical Attributes

No. of Auxiliary Contacts	1
Contact Material	Silver
Maximum Actuating Speed (m/s)	2
Maximum Cable Cross Section (mm ²)	2.5
Maximum Fuse Rating	6 A gG D-fuse
Minimum Actuating Speed (mm/min)	60
Minimum Cable Cross Section (mm ²)	0.75
Minimum Mechanical Life	30000000 Operations
Minimum Positive Break Force (N)	8.5
No. of Safety Contacts	1
Overvoltage Category	3
Rated Impulse Withstand Voltage (kV)	6
Rated Insulation Voltage (V)	500
Rated Short-circuit Current (A)	1000
Switching Element	NO contact, NC contact
Switching Principle	Slow action
Terminal Type	Screw terminals M20 x 1.5
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)	1472.3
Maximum Ambient Temperature (°C)	70
Maximum Temperature (°C)	80
Minimum Ambient Temperature (°C)	-25
Minimum Temperature (°C)	-30
Mounting Type	A screw length of 25 mm is sufficient for sensor mounting and for side mounting of the actuators. 30 mm long screws are recommended when the

actuator is mounted upright and/or when the sealing discs are used.

Net Weight (g)	50
Storage Temperature (°C)	-40 to 85
Wire Cross-Section	13 AWG

Dimensions

Height (mm)	75
Sensor Height (mm)	158.5
Sensor Length (mm)	30

Protection & Standards

Degree of Protection	IP67
Pollution Degree	3
Standards	EN IEC 60947-5-1 / EN ISO 14119 / BG-GS-ET-15

Resources

Product catalogue (Flipbook)	Download from here
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