

## Product No: 101139788

### SCHMERSAL AZ 17/170-B11 SOLENOID INTERLOCK 101139788

#### FEATURES

- Magnetic reed switch with a flat design
- Made by Schmersal, part of the BN 80 series
- Features a thermoplastic enclosure in a block form factor
- Equipped with a terminal connector and cable
- Bistable contact switching element
- Sensing distance range from 0 mm to 60 mm
- Maximum switching voltage: 250 VAC or DC
- Maximum switching current: 0.5 A
- Maximum switching capacity: 8 W



*Note: Contact symbols shown for the closed condition of the guard device.*

#### 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	27-27-26-92
eCl@ss Number, Version 9.0	27-37-12-10
ETIM 6.0	EC000222
ETIM 7.0	EC000641
Housing Construction Form	Norm construction design
Product Type	Accessory
Protection Class of Operating Resource	3
Series	AZM170
Working Principle	Electromechanical

#### Technical Attributes

No. of Auxiliary Contacts	2
Contact Material	Silver
Maximum Actuating Speed (m/s)	2

Maximum Cable Cross Section (mm <sup>2</sup> )	2.5
Maximum Fuse Rating	6 A gG D-fuse
Minimum Actuating Speed (mm/min)	1
Minimum Cable Cross Section (mm <sup>2</sup> )	0.5
Minimum Mechanical Life	5000000 Operations
Minimum Positive Break Force (N)	16
No. of Safety Contacts	2
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	Opener (NC)
Switching Principle	Slow action
Terminal Type	Screw terminals M20 x 1.5
Utilisation Category	DC-13   AC-15
Utilisation Category DC-13	0.05 A

### Physical Attributes

Actuator Type	Magnet
Enclosure Coating Material	Painted
Enclosure Material	Glass-fibre, reinforced thermoplastic
Gross Weight (g)	50
Maximum Ambient Temperature (°C)	75
Minimum Ambient Temperature (°C)	-30
Mounting Type	2 x M5, Cylinder head screw
Net Weight (g)	30
Storage Temperature (°C)	25 to 85
Wire Cross-Section	11 AWG

### Dimensions

Height (mm)	100
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Sensor Height (mm)	94
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Sensor Length (mm)	30
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### Protection & Standards

Degree of Protection	IP65
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Pollution Degree	3
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Standards	EN IEC 60947-5-1 / EN IEC 60947-1
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### Resources

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