



Product No:101144261

SCHMERSAL AZM170SK-02ZRK-2197-24VAC/DC SOLENOID INTERLOCK 101144261

FEATURES

- Solenoid interlock with power to unlock feature
- Manual release mechanism included
- Two actuating directions for versatile application
- Equipped with one auxiliary contact and one safety contact
- Screw terminal connector for secure wiring
- One normally open (NO) and one normally closed (NC) contact configuration
- Thermal test current of 6 A ensures reliability under load
- Rated control voltage of 24 VAC/DC for compatibility with various systems
- Utilisation category AC-15 rated at 230 VAC, 4 A for heavy-duty operation

Note: The start/stop function is exclusively available with one switch insert per pedal (11 or 02) and slow action (T), e.g. TFH 232-11f

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	27-37-12-11
eCl@ss Number, Version 9.0	27-37-12-10
ETIM 6.0	EC000221
ETIM 7.0	EC000222
Housing Construction Form	Norm construction design
Product Type	Solenoid
Series	AZM170
Working Principle	Mechanical

Technical Attributes



No. of Auxiliary Contacts	1
Contact Material	Silver
Maximum Actuating Speed (m/s)	2
Maximum Cable Cross Section (mm²)	2.5
Maximum Fuse Rating	6 A gG D-fuse quick blow
Minimum Actuating Speed (mm/min)	1
Minimum Cable Cross Section (mm²)	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)	2.5
Rated Insulation Voltage (V)	500
Rated Short-circuit Current (A)	1000
Resistance to Shock (g/ms)	30 / 11
Switching Element	Opener (NC)
Switching Principle	Snap action
Terminal Type	Cable
Thermal Test Current (A)	0.25
Utilisation Category	DC-13 AC-15
Utilisation Category DC-13	0.05 A

Physical Attributes	
Actuator Type	Pull strap
Enclosure Coating Material	Painted
Enclosure Material	Glass-fibre, reinforced thermoplastic
Gross Weight (g)	6100
Maximum Ambient Temperature (°C)	50
Maximum Temperature (°C)	60
Minimum Ambient Temperature (°C)	-25
Minimum Temperature (°C)	-25
Net Weight (g)	277



Storage Temperature (°C)	25 to 85
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Wire Cross-Section	13 AWG
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Dimensions

Height (mm)	69
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Sensor Height (mm)	101.5
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Sensor Length (mm)	57
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Protection & Standards

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

Product catalogue (Flipbook)	Download from here
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