

Product No: 101140796

SCHMERSAL AZM170-11ZRKA-24VAC/DC SOLENOID INTERLOCK 101140796

FEATURES

- Type: Solenoid interlock
- Power to unlock mechanism
- Manual release feature
- Actuating directions: 2
- Safety contacts: 2 (NC)
- Terminal Connector: IDC method of termination
- Thermal test current: 6 A
- Rated control voltage: 24 VAC/DC

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

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| 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 | 27-27-24-92 |
| eCl@ss Number, Version 9.0 | 27-27-26-92 |
| ETIM 6.0 | EC001258 |
| ETIM 7.0 | EC002594 |
| Housing Construction Form | Norm construction design |
| Product Type | Solenoid |
| Protection Class of Operating Resource | 3 |
| Series | AZM170 |
| Working Principle | Electromechanical |

Technical Attributes

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| No. of Auxiliary Contacts | 1 |
| Contact Material | Silver |
| Maximum Actuating Speed (m/s) | 1 |

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| Maximum Cable Cross Section (mm ²) | 2.5 |
| Maximum Fuse Rating | 6 A gG D-fuse |
| Minimum Actuating Speed (mm/min) | 120 |
| Minimum Cable Cross Section (mm ²) | 0.75 |
| Minimum Mechanical Life | 5000000 Operations |
| Minimum Positive Break Force (N) | 20 |
| No. of Safety Contacts | 2 |
| Overvoltage Category | 3 |
| Rated Impulse Withstand Voltage (kV) | 6 |
| Rated Insulation Voltage (V) | 500 |
| Rated Short-circuit Current (A) | 1000 |
| 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 | 0.25 A |

Physical Attributes

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| Actuator Type | Magnet |
| Enclosure Coating Material | Painted |
| Enclosure Material | Glass-fibre, reinforced thermoplastic |
| Gross Weight (g) | 1197.08 |
| Maximum Ambient Temperature (°C) | 80 |
| Maximum Temperature (°C) | 60 |
| Minimum Ambient Temperature (°C) | -25 |
| Minimum Temperature (°C) | -25 |
| 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) | 1197.65 |
| Storage Temperature (°C) | -25 to 85 |

Dimensions

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| Height (mm) | 100 |
| Sensor Height (mm) | 25 |
| Sensor Length (mm) | 24 |

Protection & Standards

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

Resources

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| Product catalogue (Flipbook) | Download from here |
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