

Product No: 101153241

SCHMERSAL ROLLER PLUNGER LIMIT SWITCH ZR 236-11Z-M20

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 | High |
| EAN | 4030660000000 |
| eCl@ss Number, Version 11.0 | 27-06-03-11 |
| eCl@ss Number, Version 9.0 | 27-37-12-43 |
| ETIM 6.0 | EC001855 |
| ETIM 7.0 | EC000216 |
| Housing Construction Form | Norm construction design |
| Product Type | Limit Switch |
| Working Principle | Electromechanical |

Technical Attributes

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| No. of Auxiliary Contacts | 1 |
| Contact Material | Silver |
| Maximum Actuating Speed (m/s) | 1 |
| Maximum Cable Cross Section (mm ²) | 2.5 |
| Maximum Fuse Rating | 10 A gG D-fuse |
| Minimum Cable Cross Section (mm ²) | 0.34 |
| Minimum Mechanical Life | 1000000 Operations |
| Minimum Positive Break Force (N) | 30 |
| No. of Safety Contacts | 1 |

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| Overvoltage Category | 3 |
| Rated Impulse Withstand Voltage (kV) | 4 |
| 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 | Roller lever |
| Enclosure Material | Aluminium |
| Gross Weight (g) | 35 |
| Maximum Ambient Temperature (°C) | 90 |
| Minimum Ambient Temperature (°C) | -15 |
| Net Weight (g) | 125 |
| Storage Temperature (°C) | -25 to 85 |
| Wire Cross-Section | 0.25 mm |

Dimensions

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|--------------------|------|
| Sensor Height (mm) | 25 |
| Sensor Length (mm) | 49.1 |

Protection & Standards

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| Degree of Protection | IP67 |
| Standards | EN IEC 60947-5-3 / BG-GS-ET-14 |

Resources

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| Product catalogue (Flipbook) | Download from here |
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