

Series element, 220V DC, for LED 12-30V



Part no. M22-XLED220
271541
EL Number 4355798
(Norway)

| General specifications | | |
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| Product name | | Eaton Moeller® series M22 Accessory LED |
| Part no. | | M22-XLED220 |
| EAN | | 4015082715410 |
| Product Length/Depth | | 37 millimetre |
| Product height | | 30 millimetre |
| Product width | | 10 millimetre |
| Product weight | | 0.011 kilogram |
| Certifications | | CSA File No.: 012528 CSA Class No.: 3211-03 UL UL File No.: E29184 CSA UL Category Control No.: NKCR CSA-C22.2 No. 14-05 CSA-C22.2 No. 94-91 CE UL 508 IEC/EN 60947-5 |
| Product Tradename | | M22 |
| Product Type | | Accessory |
| Product Sub Type | | LED |
| Catalog Notes | | LED resistor |
| Features & Functions | | |
| Functions | | For connecting 12 - 30 V LED elements |
| General information | | |
| Accessory/spare part type | | Accessory |
| Degree of protection | | IP20 |
| Climatic environmental conditions | | |
| Ambient operating temperature - min | | -25 °C |
| Ambient operating temperature - max | | 55 °C |
| Ambient storage temperature - min | | 40 °C |
| Ambient storage temperature - max | | 80 °C |
| Electrical rating | | |
| Rated operational voltage | | 220 V AC/DC |
| Communication | | |
| Connection to SmartWire-DT | | No |
| Contacts | | |
| Force for positive opening - min | | 0 N |
| Design verification | | |
| Equipment heat dissipation, current-dependent Pvid | | 0 W |
| Heat dissipation capacity Pdiss | | 0 W |
| Heat dissipation per pole, current-dependent Pvid | | 0 W |
| Rated operational current for specified heat dissipation (In) | | 0 A |
| Static heat dissipation, non-current-dependent Pvs | | 0.8 W |
| 10.2.2 Corrosion resistance | | Meets the product standard's requirements. |
| 10.2.3.1 Verification of thermal stability of enclosures | | Meets the product standard's requirements. |
| 10.2.3.2 Verification of resistance of insulating materials to normal heat | | Meets the product standard's requirements. |
| 10.2.3.3 Resist. of insul. mat. to abnormal heat/fire by internal elect. effects | | Meets the product standard's requirements. |
| 10.2.4 Resistance to ultra-violet (UV) radiation | | Meets the product standard's requirements. |
| 10.2.5 Lifting | | Does not apply, since the entire switchgear needs to be evaluated. |

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| 10.2.6 Mechanical impact | | Does not apply, since the entire switchgear needs to be evaluated. |
| 10.2.7 Inscriptions | | Meets the product standard's requirements. |
| 10.3 Degree of protection of assemblies | | Does not apply, since the entire switchgear needs to be evaluated. |
| 10.4 Clearances and creepage distances | | Meets the product standard's requirements. |
| 10.5 Protection against electric shock | | Does not apply, since the entire switchgear needs to be evaluated. |
| 10.6 Incorporation of switching devices and components | | Does not apply, since the entire switchgear needs to be evaluated. |
| 10.7 Internal electrical circuits and connections | | Is the panel builder's responsibility. |
| 10.8 Connections for external conductors | | Is the panel builder's responsibility. |
| 10.9.2 Power-frequency electric strength | | Is the panel builder's responsibility. |
| 10.9.3 Impulse withstand voltage | | Is the panel builder's responsibility. |
| 10.9.4 Testing of enclosures made of insulating material | | Is the panel builder's responsibility. |
| 10.10 Temperature rise | | The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices. |
| 10.11 Short-circuit rating | | Is the panel builder's responsibility. The specifications for the switchgear must be observed. |
| 10.12 Electromagnetic compatibility | | Is the panel builder's responsibility. The specifications for the switchgear must be observed. |
| 10.13 Mechanical function | | The device meets the requirements, provided the information in the instruction leaflet (IL) is observed. |

Technical data ETIM 9.0

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| Low-voltage industrial components (EG000017) / Accessories/spare parts for command devices (EC002024) | | |
| Electric engineering, automation, process control engineering / Low-voltage switch technology / Command and alarm device / Command and alarm device (accessories) (ec@ss13-27-37-12-92 [AC0037015]) | | |
| Type of electrical accessory/spare part | | Resistor block |
| Type of mechanical accessory/spare part | | Other |
| Accessory | | Yes |
| Spare part | | No |