

Emergency stop/emergency switching off pushbutton, RMQ-Titan, Palm-tree shape, 45 mm, Non-illuminated, Pull-to-release function, Red, yellow, with mechanical switch position indication



Part no. M22-PV45P-MPI
152863
EL Number 4315267
(Norway)

| General specifications | | |
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| Product name | | Eaton Moeller® series M22 Emergency stop/emergency switching off pushbutton |
| Part no. | | M22-PV45P-MPI |
| EAN | | 4015081496419 |
| Product Length/Depth | | 67 millimetre |
| Product height | | 45 millimetre |
| Product width | | 45 millimetre |
| Product weight | | 0.043 kilogram |
| Compliances | | CE |
| Certifications | | VDE 0660 IEC/EN 60947 DNV LR GL |
| Product Tradename | | M22 |
| Product Type | | Emergency stop/emergency switching off pushbutton |
| Product Sub Type | | None |
| Features & Functions | | |
| Bezel color | | Other |
| Base color | | Yellow |
| Bezel material | | Other |
| Color | | Red |
| Design | | Palm-tree shaped Classical |
| Features | | Tamper-proof (according to ISO 13850, EN 418) |
| Illumination | | Non-illuminated |
| Indication | | With mechanical switch position indication Switch position indication green: Pushbutton released Switch position indication red: Pushbutton actuated |
| RAL-number | | 3000 |
| Unlocking method | | Pull-release |
| General information | | |
| Degree of protection | | IP66 NEMA 4X |
| Lifespan, mechanical | | 100,000 Operations |
| Opening diameter | | 22.5 mm |
| Operating frequency | | 600 Operations/h |
| Product category | | RMQ-Titan |
| Suitable for | | Emergency stop |
| Type | | Controlled stop pushbutton/emergency-stop button |
| Ambient conditions, mechanical | | |
| Mounting position | | As required |
| Shock resistance | | 50 g, Mechanical, According to IEC/EN 60068-2-27, Sinusoidal shock 11 ms Mechanical, According to IEC/EN 60068-2-27 |
| Climatic environmental conditions | | |
| Ambient operating temperature - min | | -25 °C |
| Ambient operating temperature - max | | 70 °C |
| Climatic proofing | | Damp heat, constant, to IEC 60068-2-78 Damp heat, cyclic, to IEC 60068-2-30 |

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| Communication | | |
| Connection to SmartWire-DT | | No |
| Actuator | | |
| Actuating force | | 50 N |
| Actuator color | | Red |
| Actuator diameter | | 45 mm |
| Actuator function | | Switching function latching Pull-to-release |
| Contacts | | |
| Force for positive opening - min | | 0 N |
| Design verification | | |
| Equipment heat dissipation, current-dependent Pvid | | 0 W |
| Heat dissipation capacity Pdis | | 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 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 | | Please enquire |
| 10.2.5 Lifting | | Does not apply, since the entire switchgear needs to be evaluated. |
| 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 | | Not applicable. |
| 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) / Front element for mushroom push-button (EC001038) | | |
| Electric engineering, automation, process control engineering / Low-voltage switch technology / Command and alarm device / Front element for mushroom push-button actuators (ec1@ss13-27-37-12-12 [AKF030019]) | | |
| Colour button | | Red |
| Construction type lens | | Round |
| Diameter cap | mm | 45 |
| Hole diameter | mm | 22.5 |
| Width opening | mm | 0 |
| Height opening | mm | 0 |
| Degree of protection (IP) | | IP66 |
| Degree of protection (NEMA) | | 4X |
| Type of button | | High |
| Suitable for illumination | | No |
| With lighting | | No |
| Supply voltage lamp | V | 0 |

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|-----------------------------|--|--|--------------|
| Switching function latching | | | Yes |
| Spring-return | | | No |
| With front ring | | | No |
| Material front ring | | | Other |
| Colour front ring | | | Other |
| Suitable for emergency stop | | | Yes |
| Unlocking method | | | Pull-release |