



Pushbutton, RMQ-Titan, Flat, maintained, green, Blank, Bezel: titanium



Part no. M22-DR-G
216619
EL Number 4355608
(Norway)

| General specifications | |
|-----------------------------------|--|
| Product name | Eaton Moeller® series M22 Pushbutton |
| Part no. | M22-DR-G |
| EAN | 4015082166199 |
| Product Length/Depth | 30 millimetre |
| Product height | 30 millimetre |
| Product width | 30 millimetre |
| Product weight | 0.011 kilogram |
| Compliances | CE Marked |
| Certifications | UL 508 EN 60947-5 CSA Std. C22.2 No. 94-91 CSA Std. C22.2 No. 14-05 IEC 60947-5 VDE IEC/EN 60947 CSA-C22.2 No. 94-91 UL Category Control No.: NKCR CSA-C22.2 No. 14-05 UL VDE 0660 CSA CSA Class No.: 3211-03 UL File No.: E29184 IEC/EN 60947-5 CE CSA File No.: 012528 LR GL DNV |
| Product Tradename | M22 |
| Product Type | Pushbutton |
| Product Sub Type | None |
| Features & Functions | |
| Bezel color | Titanium |
| Bezel material | Plastic |
| Design | Flat Classical |
| Fitted with: | Front ring |
| Functions | Stay-put/spring-return function can be changed on device |
| Inscription | Blank |
| General information | |
| Degree of protection | NEMA 13 NEMA 4X IP66 IP67 IP69K NEMA 12 NEMA 3R |
| Degree of protection (front side) | NEMA 4X IP67/IP69K |
| Lifespan, mechanical | 1,000,000 Operations (AC operated) |
| Opening diameter | 22.5 mm |
| Operating frequency | 1800 Operations/h |
| Product category | RMQ-Titan |
| Size | Front dimensions: 22 x 22 mm |
| Type | Pushbutton actuator |
| Ambient conditions, mechanical | |
| Mounting position | As required |

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| Shock resistance | | | 30 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 |
| Ambient storage temperature - min | | | 40 °C |
| Ambient storage temperature - max | | | 80 °C |
| Climatic proofing | | | Damp heat, cyclic, to IEC 60068-2-30 Damp heat, constant, to IEC 60068-2-78 |
| Communication | | | |
| Connection to SmartWire-DT | | | Yes With SWD-RMQ connections |
| Actuator | | | |
| Actuating force | | | 5 N |
| Actuator color | | | Green |
| Actuator function | | | Switching function latching Maintained |
| 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 push button (EC000221) | | | |
| Electric engineering, automation, process control engineering / Low-voltage switch technology / Command and alarm device / Front element for push-button actuators (ecl@ss13-27-37-12-10 [AKF028019]) | | | |
| Colour button | | | Green |
| Number of command positions | | | 1 |
| Construction type lens | | | Round |
| Hole diameter | | mm | 22.5 |

| | | |
|---|----|------------|
| Width opening | mm | 0 |
| Height opening | mm | 0 |
| Type of button | | Flat |
| Suitable for illumination | | No |
| With protective cover | | No |
| Labelled | | No |
| Switching function latching | | Yes |
| Spring-return | | No |
| With front ring | | Yes |
| Material front ring | | Plastic |
| Colour front ring | | Titanium |
| Degree of protection (IP), front side | | IP67/IP69K |
| Degree of protection (NEMA), front side | | 4X |