# DATASHEET - M22-PV45P

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

Powering Business Worldwide

**Part no.** M22-PV45P
152862

**EL Number (Norway)** 4315266

| | |
|---|---|
| Product name | Eaton Moeller® series M22 Emergency stop/emergency switching off pushbutton |
| Part no. | M22-PV45P |
| EAN | 4015081496402 |
| Product Length/Depth | 67 millimetre |
| Product height | 45 millimetre |
| Product width | 45 millimetre |
| Product weight | 0.043 kilogram |
| Compliances | CE |
| Certifications | VDE 0660<br>IEC/EN 60947<br>GL<br>DNV<br>LR |
| Product Tradename | M22 |
| Product Type | Emergency stop/emergency switching off pushbutton |
| Product Sub Type | None |
| | |
| Bezel color | Other |
| Base color | Yellow |
| Bezel material | Other |
| Color | Red |
| Design | Palm-tree shaped<br>Classical |
| Features | Tamper-proof (according to ISO 13850, EN 418) |
| Illumination | Non-illuminated |
| RAL-number | 3000 |
| Unlocking method | Pull-release |
| | |
| Degree of protection | NEMA 4X<br>IP66 |
| 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 |
| | |
| Mounting position | As required |
| Shock resistance | 50 g, Mechanical, According to IEC/EN 60068-2-27, Sinusoidal shock 11 ms<br>Mechanical, According to IEC/EN 60068-2-27 |
| | |
| Ambient operating temperature - min | -25 °C |
| Ambient operating temperature - max | 70 °C |
| Climatic proofing | Damp heat, constant, to IEC 60068-2-78<br>Damp heat, cyclic, to IEC 60068-2-30 |
| | |
| Connection to SmartWire-DT | No |
| | |
| Actuating force | 50 N |

| | | |
|---|---|---|
| Actuator color | | Red |
| Actuator diameter | | 45 mm |
| Actuator function | | Switching function latching<br>Pull-to-release |
| | | |
| Force for positive opening - min | | 0 N |
| | | |
| 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 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 8.0

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 (ecl@ss10.0.1-27-37-12-12 [AKF030014])

| | | |
|---|---|---|
| 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 |
| 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 |


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