



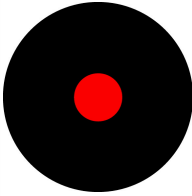
HALT/STOP-Button, RMQ-Titan, Mushroom-shaped, Pull-to-release function

Part no.
Catalog No.

M30S-PVL30
197549



Delivery program

| | | | |
|---|---|----|--|
| Product range | | | RMQ-Titan |
| Basic function | | | STOP pushbuttons Emergency stop pushbuttons |
| Mounting hole diameter | Ø | mm | 30.5 |
| Single unit/Complete unit | | | Single unit |
| Design | | | Mushroom-shaped |
| Diameter | Ø | mm | 30 |
| Illumination | | | Illuminated with LED element |
| | | | Pull-to-release function |
| Colour | | | |
| Mushroom head | | | Black |
| | | |  |
| Base | | | yellow |
| RAL Value | | | RAL 9005 |
| Degree of Protection | | | IP65, IP66, IP69 |
| Connection to SmartWire-DT | | | yes with SWD-RMQ connections |
| Actuator travel and actuation force as per DIN EN 60947-5-1, K.5.4.1 | | | |
| Minimum force for positive opening | N | | 0 |
| Instructions | | | Max. Configuration: 4 x M22-(C)K01, ...10 or 2 x M22-(C)K02, ...20, ...11 and 1 x M22-(F)LED... When using M22-PVL... with 1 x M22-K01SMC10 (single channel), article M22-XSMC (order no.: 173030) is required. Order this item separately. |

Technical data

General

| | | | |
|-----------------------------|--------------|----|---|
| Standards | | | EN 50581:2012 EN 60947-5-1:2017 EN 60947-5-5:1997 + A1:2005 + A11:2013 + A2:2017 EN ISO 13850:2015 2006/42/EC Machinery Directive |
| certificate | | | CE, EAC UL, CSA, CCC |
| Lifespan, mechanical | Operations | | 150000 |
| Operating frequency | Operations/h | | ≤ 600 |
| Actuating force | | n | ≤ 50 |
| Climatic proofing | | | Damp heat, constant, to IEC 60068-2-78 Damp heat, cyclic, to IEC 60068-2-30 |
| Degree of Protection | | | IP65, IP66, IP69 |
| Ambient temperature | | | |
| Open | | °C | -25 - +70 |
| Mounting position | | | As required |
| Mechanical shock resistance | | g | 50 Shock duration 11 ms Sinusoidal according to IEC 60068-2-27 |

Design verification as per IEC/EN 61439

| | | | |
|--|-------------------|----|--|
| Technical data for design verification | | | |
| Rated operational current for specified heat dissipation | I _n | A | 0 |
| Heat dissipation per pole, current-dependent | P _{vid} | W | 0 |
| Equipment heat dissipation, current-dependent | P _{vid} | W | 0 |
| Static heat dissipation, non-current-dependent | P _{vs} | W | 0 |
| Heat dissipation capacity | P _{diss} | W | 0 |
| Operating ambient temperature min. | | °C | -25 |
| Operating ambient temperature max. | | °C | 70 |
| IEC/EN 61439 design verification | | | |
| 10.2 Strength of materials and parts | | | |
| 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 Verification of resistance of insulating materials to abnormal heat and fire due to internal electric 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 Insulation properties | | | |
| 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

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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 (ecl@ss10.0.1-27-37-12-12 [AKF030014]) | | | |
| Colour button | | | Black |
| Construction type lens | | | Round |
| Diameter cap | | mm | 30 |
| Hole diameter | | mm | 30.5 |
| 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 | | | Yes |
| 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 | | No |
| Unlocking method | | Pull-release |

Approvals

| | | |
|-----------------------------|--|-------------------------------------|
| North America Certification | | Request filed for UL, CSA certified |
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Dimensions

