Emergency stop/emergency switching off pushbutton, RMQ-Titan, Mushroom-shaped, 38 mm, Non-illuminated, Turn-to-release function, Red, yellow, RAL 3000



Part no. M22-PVT 263467 EL Number 4355405

EL Number 43 (Norway)

| (Norway) | |
|------------------------|---|
| General specifications | |
| Product name | Eaton Moeller® series M22 Emergency stop/emergency switching off pushbutton |
| Part no. | M22-PVT |
| EAN | 4015082634674 |
| Product Length/Depth | 38 millimetre |
| Product height | 70 millimetre |
| Product width | 38 millimetre |
| Product weight | 0.045 kilogram |
| Compliances | CE Marked |
| Certifications | UL 508 CSA Std. C22.2 No. 94-91 EN 60947-5 CSA Std. C22.2 No. 14-05 IEC 60947-5 VDE CSA Class No.: 3211-03 CSA-C22.2 No. 94-91 CSA File No.: 012528 UL File No.: E29184 CSA CSA-C22.2 No. 14-05 CE UL VDE 0660 IEC/EN 60947 IEC/EN 60947 IEC/EN 60947-5 UL Category Control No.: NKCR GL LR DNV |
| Product Tradename | M22 |
| Product Type | Emergency stop/emergency switching off pushbutton |
| Product Sub Type | None |
| Catalog Notes | Max. number of contacts: four M22-(C)K01,10 or two M22-(C)K02,20,11 |
| Features & Functions | |
| Bezel color | Other |
| Base color | Yellow |
| Bezel material | Other |
| Color | Red |
| Design | Mushroom-shaped Classical |
| Features | Tamper-proof (according to ISO 13850, EN 418) |
| Illumination | Non-illuminated |
| RAL-number | 3000 |
| Unlocking method | Turn-release |
| General information | |
| Degree of protection | IP67/IP69K NEMA 4X, 13 |
| Lifespan, mechanical | 100,000 Operations |
| Opening diameter | 22.5 mm |
| Operating frequency | 600 Operations/h |
| Product category | RMQ-Titan |
| Size | Front dimensions: 35 mm |
| | |
| Suitable for | Emergency stop |

| Ambient operating temperature - min Ambient operating temperature - max Cilinatic proofing Communication Communication Commedion to SmartlWire-OT Actuator Actuator force Actuator color Actuator function Commedion to SmartlWire-OT Actuator process Actuator color Actuator color Actuator color Actuator function Design verification Commedion to SmartlWire-OT Function repassive apening - min Design verification Equipment heart dissipation, current-dependent Pvid Actuator function acposing Pdias DW Heart dissipation per pole, current-dependent Pvid Actuator function Equipment per pole, current-dependent Pvid Actuator function acposing Pdias DW Heart dissipation per pole, current-dependent Pvid Actuator function acposing Pdias DW Heart dissipation per pole, current-dependent Pvid Actuator function of thermal stability of enclosures Actuator function of thermal stability of enclosures Meets the product standard's requirements. 102.31 Verification of thermal stability of enclosures Meets the product standard's requirements. 102.32 Verification of thermal stability of enclosures Meets the product standard's requirements. 102.32 Verification of thermal stability of enclosures Meets the product standard's requirements. 102.32 Testification actual to submain lead/five ly enternal elect. effects Meets the product standard's requirements. 102.32 Testification actual actual control actual | Ambient conditions, mechanical | As required |
|--|--|--|
| Sig., Mechanical, According to IEC/EN 00009-27, Sinuspoidal chock 11 ms of Climatic environmental conditions Analiser operating temperature - max Analiser operating temperature - max Climatic proofing Communication Communication Communication Actuator Actuator Actuator Actuator Actuator coor Actuator function Contracts Force for positive opening- min Equipment heat dissipation, current-dependent Pvid Heat dissipation capacity Plass Equipment heat dissipation, current dependent Pvid Heat dissipation, current dependent Pvid Actuator coor Appendix discipation capacity Plass Equipment heat dissipation, man-current dependent Pvid Actuator coor Appendix opening- min Equipment heat dissipation, current dependent Pvid Actuator coor Actuator coor Equipment heat dissipation, current dependent Pvid Actuator coor Actuator coor Actuator coor coor Actuator coor coor Equipment heat dissipation, current dependent Pvid Actuator coor coor Actuator coor coor coor coor coor coor coor c | | |
| Ambient operating temperature - mix Ambient operating temperature - mix Cimetic proofing Communication Communication Commetten no SmartWine-DT Actuator Actuator Gore Actuator Gore Actuator Gore Actuator Inction Actuator Act | Shock resistance | |
| Ambient operating temperature - max Climatic proofing Communication Commodition to SmartWire-OT Actuator force Actuator force Actuator force Actuator observed of Management - Manag | Climatic environmental conditions | |
| Communication Communication Connection to SmartWire-DT Actuator Actuator Color Ac | Ambient operating temperature - min | -25 °C |
| Communication Connection to SmartWire-DT Actuator Actuator Guire Forre for passiba opening - min Design verification Equipment heat dissipation, current-dependent Pvid Actuator Guire Forre for passiba opening - min Design verification Equipment heat dissipation, current-dependent Pvid Actuator Guire Forre for passiba opening - min Design verification Actuator Guire Equipment heat dissipation, current-dependent Pvid Actuator Guire Forre for passiba opening - min Design verification Actuator Guire Equipment heat dissipation, current-dependent Pvid Actuator Guire Actuator Guire Actuator Guire Forre for passiba opening - min Design verification Actuator Guire Equipment heat dissipation, current-dependent Pvid Actuator Guire Actuator Guire Actuator Guire Actuator Guire Forre for passiba opening - min Design verification of Actuator Guire Equipment heat dissipation, current-dependent Pvid Actuator Guire Actuator Guire Actuator Guire Actuator Guire Forre for passiba opening - min Design verification of Actuator Guire Act | Ambient operating temperature - max | 70 °C |
| Actuator Actuator force Actuator formeter Actuator color Actuator function Contacts Force for positive opening - min Design verification Equipment heat dissipation, current-dependent Pvid Heat dissipation expacity Priss OW Heat dissipation expacity Priss OW Rated operational current-dependent Pvid Heat dissipation, co-current-dependent Pvid OW Rated operational current-dependent Pvid OW Rated operational current-dependent Pvis 10.2.2 Corresion resistance 10.2.3 Verification of resistance or prison for expective force of the product standard's requirements. 10.2.3 Verification of resistance or prison for expective force of the product standard's requirements. 10.2.3 Verification of resistance or prison force current force of the prison for expective force of the product standard's requirements. 10.2.3 Verification of resistance or prison for expective force of the product standard's requirements. 10.2.3 Verification of resistance or prison force o | Climatic proofing | |
| Actuator force Actuator force Actuator function Actuator function Actuator function Actuator function Actuator function Contacts Fure for positive opening - min Design verification Equipment heat dissipation, current-dependent Pvid Heat dissipation per pole, current-dependent Pvid Band operational current for specified heat dissipation (In) Static heat dissipation, one-current-dependent Pvis 10.2 A Resistance of the static specified heat dissipation (In) 10.2.3 Verification of thermal stability of enclosures 10.2.3 Verification of thermal stability of enclosures 10.2.3 Resistance of insulating materials to normal heat 10.2.3 Resistance of resistance of insulating materials to normal heat 10.2.3 Resistance of verification of resistance of insulating materials to normal heat 10.2.4 Resistance to ultra-violet (UV) radiation 10.2.5 Infinity 10.2.5 Rechanical impact 10.2.6 Rechanical impact 10.2.7 Inscriptions Meets the product standard's requirements. 10.2.8 Rechanical impact 10.2.9 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. 10.3 Despread of protection of assemblies Does not apply, since the entire switchgear needs to be evaluated. 10.4 Clearances and creepage distances Does not apply, since the entire owitchgear needs to be evaluated. 10.5 Protection against electric shock Does not apply, since the entire owitchgear needs to be evaluated. 10.6 Connections for extended conductors 10.7 Internal electrical circuits and connections 10.8 Connections for extended conductors 10.9 Protection against electric shock Does not apply, since the entire owitchgear needs to be evaluated. 10.8 Connections for extended conductors 10.9 Extended and the entire owitchgear needs to be evaluated. 10.9 Extended and the en | Communication | |
| Actuating force Actuator color Actuator demoter Actuator demoter Actuator founction Turn-ter-release Switching function latching Contacts Force for positive opening - min Design verification Equipment heat dissipation, current-dependent Pvid Heat dissipation capacity Pdiss Equipment heat dissipation or apacity Pdiss Actuator founction Equipment heat dissipation or apacity Pdiss Actuator dissipation or apacity Pdiss Actuator dissipation or pole, current-dependent Pvid Actuator dissipation or prole, current-dependent Pvid Actuator dissipation or prole, current-dependent Pvid Actuator dissipation or prole, current for specified heat dissipation (in) Actuator dissipation or prole, current for specified heat dissipation (in) Actuator dissipation, on-current-dependent Pvis Actuator dissipation, non-current-dependent Pvis Actuator dissipation or desiration of resistance of insulating materials to normal heat Actuator dissipation or desiration of resistance of insulating materials to normal heat Actuator dissipation or desiration of thermal stability of onclosures Actuator dissipation or desiration of thermal stability of onclosures Actuator dissipation or desiration or desira | Connection to SmartWire-DT | No |
| Actuator color Actuator function Actuator function Contacts Force for positive opening - min Design verification Enjament hear dissipation, current-dependent Pvid Head dissipation capacity Pdiss OW Head dissipation per pole, current-dependent Pvid Head dissipation current for specifications Static heart dissipation, current-dependent Pvid Head dissipation current for specifications Static heart dissipation current for specifications Ratid operational current for specification of the static sp | Actuator | |
| Actuator diameter Actuator function Contacts Force for positive opening - min Design verification Equipment heat dissipation, current-dependent Pvid Heat dissipation per pole, current-dependent Pvid Heat dissipation per pole, current-dependent Pvid Actuator dissipation, non-current-dependent Pvid Heat dissipation, non-current-dependent Pvid Actuator dissipation, non-current-dependent | Actuating force | 50 N |
| Actuator function Contacts Force for positive opening - min Design verification Equipment heat dissipation, current-dependent Pvid Heat dissipation, current-dependent Pvid Heat dissipation per pole, current-dependent Pvid Stratic heat dissipation, con-current-dependent Pvis OW Stratic heat dissipation current for specified heat dissipation (In) OA Stratic heat dissipation or current-dependent Pvis 10.2.2 Porosion resistance Meets the product standard's requirements. 10.2.3.3 Resist of insul-inset or insulating materials to normal heat 10.2.3.3 Resist of insul-inset or insulating material to normal heat 10.2.5 Mechanical impact Meets the product standard's requirements. 10.2.5 Mechanical impact Does not apply, since the entire switchgear needs to be evaluated. 10.2.5 Mechanical impact 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. 10.6 Incorporation of switching devices and components Does not apply, since the entire switchgear needs to be evaluated. 10.8 Repeal builder's responsibility. 10.9 Protection against electric shock Does not apply, since the entire switchgear needs to be evaluated. 10.1 Internal electrical circuits and connections 10.2 Internal electrical circuits and connections 10.3 Internal electr | Actuator color | Red |
| Contacts Force for positive opening - min Design verification Equipment heart dissipation, current-dependent Pvid Heat dissipation capacity Pdiss Heat dissipation per pole, current-dependent Pvid Astatic heat dissipation, per pole, current-dependent Pvid Battle paratismal current for specified heat dissipation (in) Static heat dissipation, non-current-dependent Pvid Astatic heat dissipation, non-current-dependent Pvid Battle paratismal current for specified heat dissipation (in) OA Static heat dissipation on for resistance Meets the product standard's requirements. 102.31 Verification of thermal stability of enclosures Meets the product standard's requirements. Meets the product standard's requirements. 102.32 Verification of thermal stability of enclosures Meets the product standard's requirements. 102.33 Resists of insul. mat. to abnormal heat/fire by internal elect. effects Meets the product standard's requirements. 102.34 Resists of insul. mat. to abnormal heat/fire by internal elect. effects Meets the product standard's requirements. 102.54 Repistance to ultra-violet (UV) radiation 102.54 Repistance to ultra-violet (UV) radiation 102.55 Mechanical impact Does not apply, since the entire switchgear needs to be evaluated. 102.67 Internal electric abnormal heat for product standard is requirements. 103.67 Degree of protection of assembiles Does not apply, since the entire switchgear needs to be evaluated. 104.67 Degree of protection of switching devices and components Does not apply, since the entire switchgear needs to be evaluated. 105.87 Internal electric all circuits and connections Internal elect | Actuator diameter | 38 mm |
| Force for positive opening - min Design verification Equipment heat dissipation, current-dependent Pvid Heat dissipation parapeity Pdiss Designation Rated operational current for specified heat dissipation (In) Rated operational current for specified heat dissipation (In) Rated operational current for specified heat dissipation (In) Do A Static heat dissipation, non-current-dependent Pvs DW 10.2.2. Torrosion resistance Meets the product standard's requirements. 10.2.3.1 Verification of resistance of insulating materials to normal heat 10.2.3.1 Verification of resistance of insulating materials to normal heat 10.2.3.2.1 Verification of resistance of insulating materials to normal heat 10.2.3.2 Verification of resistance of insulating materials to normal heat 10.2.3.3 Resist of insul, mat. to abnormal heat/fire by internal elect. effects 10.2.4 Resistance to ultra-violet (UV) radiation Please enquire 10.2.5 Infing 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 Cloarances and croepage distances Meets the product standard's requirements. 10.5 Protection against electric shock Does not apply, since the entire switchgear needs to be evaluated. 10.5 Incorporation of switching devices and components 10.7 Internal electrical circuits and connections 10.8 Commercions for external conductors 10.9 Internal electrical circuits and connections 10.9 Commercions for external conductors 10.9 Internal electrical circuits and connections 10.9 Commercions for external conductors 10.9 Internal electrical circuits and connections 10.9 Internal electrical | Actuator function | |
| Porce for positive opening - min Design verification Equipment heat dissipation, current-dependent Pvid Heat dissipation capacity Pfiles OW Heat dissipation per pole, current-dependent Pvid Rated operational current for specified heat dissipation (In) Static heat dissipation, non-current-dependent Pvs 10.22 Corrosion resistance 10.23.1 Verification of thermal stability of enclosures Meets the product standard's requirements. 10.23.2 Verification of riseistance of insulating materials to normal heat 10.23.2 Verification of riseistance of insulating materials to normal heat 10.24.3 Resist of insul. mat. to abnormal heat/fire by internal elect. effects Meets the product standard's requirements. 10.24.4 Resistance to ultra-violet (IVI) radiation 10.25 Lifting Does not apply, since the entire switchgear needs to be evaluated. 10.27.1 Inscriptions Meets the product standard's requirements. 10.3 Degree of protection of assemblies 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. 10.4 Clearances and creepage distances 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 10.7 Internal electrical circuits and connections 10.8 Connections for external conductors 10.9 Protection against electric strongth 10.9.2 Power-frequency electric strongth 10.9.3 Impulse withstand voitage 10.9.4 Testing of enclosures made of insulating material 10.10 Temperature rise Not applicable. 10.11 Short-circuit rating 10.12 Electromagnetic compatibility 11.15 Electromagnetic compatibility 12.15 the panel builder's responsibility. The specifications for the switchgear must observed. 10.13 Mechanical function The device meets the requirements, provided the information in the instruction | | Switching function latching |
| Design verification Equipment heat dissipation, current-dependent Pvid 0 W Heat dissipation capacity Pdiss 0 W Rated operational current for specified heat dissipation (In) 0 A Static 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 Pv 8 0 W 10.22 Corrosion resistance Meets the product standard's requirements. 10.23.1 Verification of thermal stability of enclosures Meets the product standard's requirements. 10.23.2 Verification of resistance of insulating materials to normal heat Meets the product standard's requirements. 10.23.3 Resist of insul. mat. to abnormal heat/fire by internal elect. effects Meets the product standard's requirements. 10.24.2 Resistance to ultra-violet (UV) radiation Please enquire Please enquire 10.25 Lifting Dees not apply, since the entire switchgear needs to be evaluated. 10.27.1 Inscriptions Meets the product standard's requirements. 10.3 Degree of protection of assemblies Dees not apply, since the entire switchgear needs to be evaluated. 10.4 Clearances and croepage distances Meets the product standard's requirements. 10.5 Protection against electric shock Dees not apply, since the entire switchgear needs to be evaluated. 10.6 Incorporation of switching devices and components Dees 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 Protection of assemblies Is the panel builder's responsibility. 10.9 Protection of assemblies Is the panel builder's responsibility. 10.1 Imperature rise Not applicable. 10.11 Short-circuit rating Is the panel builder's responsibility. The specifications for the switchgear must observed. 10.13 Mechanical function The device meets the requirements, provided the information in the instruction | Contacts | |
| Equipment heat dissipation, current-dependent Pvid Heat dissipation capacity Pdiss 0 W Rated operational current for specified heat dissipation (In) OA Static heat dissipation, non-current-dependent Pvid Rated operational current for specified heat dissipation (In) OA Static heat dissipation, non-current-dependent Pvs 0 W OB UB | Force for positive opening - min | 0 N |
| Heat dissipation capacity Pdiss Heat dissipation per pole, current-dependent Pvid Rated operational current for specified heat dissipation (In) Static heat dissipation, non-current-dependent Pvs OW 10.22 Corrosion resistance Meets the product standard's requirements. 10.23.1 Verification of thermal stability of enclosures Meets the product standard's requirements. 10.23.2 Verification of resistance of insulating materials to normal heat 10.23.3 Resists. of insul. mat. to abnormal heat/fire by internal elect. effects Meets the product standard's requirements. 10.24 Resistance to ultra-violet (UV) radiation 10.25 Lifting Does not apply, since the entire switchgear needs to be evaluated. 10.27 Inscriptions Meets the product standard's requirements. 10.28 Mechanical impact Does not apply, since the entire switchgear needs to be evaluated. 10.29 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. 10.9.3 Impulse withstand voltage Is the panel builder's responsibility. 10.9.4 Testing of enclosures made of insulating material 10.10 Temperature rise Not applicable. 10.11 Short-circuit rating Lis the panel builder's responsibility. The specifications for the switchgear must observed. 10.13 Mechanical function The device meets the requirements, provided the information in the instruction | Design verification | |
| Heat dissipation per pole, current-dependent Pvid Rated operational current for specified heat dissipation (In) Static heat dissipation, non-current-dependent Pvs 0 W 10.22 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 10.2.3.2 Verification of resistance of insulating materials to normal heat 10.2.3.3 Verification of resistance of insulating materials to normal heat 10.2.3.3 Resist. of insul. mat. to abnormal heat/fire by internal elect. effects 10.2.4.4 Resistance to ultra-violet (IUV) radiation 10.2.5 Lifting Does not apply, since the entire switchgear needs to be evaluated. 10.2.5 Internal splay, 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. 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. 10.9.2 Power-frequency electric strength Is the panel builder's responsibility. 10.9.4 Testing of enclosures made of insulating material Is the panel builder's responsibility. 10.11 Short-circuit rating Is the panel builder's responsibility. The specifications for the switchgear must observed. 10.11 Short-circuit rating Is the panel builder's responsibility. The specifications for the switchgear must observed. 10.13 Mechanical function The device meets the requirements, | Equipment heat dissipation, current-dependent Pvid | 0 W |
| Rated operational current for specified heat dissipation (In) Static heat dissipation, non-current-dependent Pvs 0 W 10.22 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 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. 10.2.7 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. 10.9 Power-frequency electric strength Is the panel builder's responsibility. 10.9.1 Importance rise Not applicable. Not applicable. Not applicable. Not applicable. 10.11 Short-circuit rating Is the panel builder's responsibility. The specifications for the switchgear must observed. 10.12 Electromagnetic compatibility Is the panel builder's responsibility. The specifications for the switchgear must observed. 10.13 Mechanical function The device meets the requirements, provided the information in the instruction | Heat dissipation capacity Pdiss | 0 W |
| Static heat dissipation, non-current-dependent Pvs 10.22 Corrosion resistance 10.23.1 Verification of thermal stability of enclosures 10.23.2 Verification of resistance of insulating materials to normal heat 10.23.3 Resist, of insul. mat. to abnormal heat/fire by internal elect. effects 10.24 Resistance to ultra-violet (UV) radiation 10.25 Lifting 10.26 Mechanical impact 10.27 Inscriptions 10.28 Meets the product standard's requirements. 10.29 Specification of sessenblies 10.29 Inscriptions 10.20 Does not apply, since the entire switchgear needs to be evaluated. 10.4 Clearances and creepage distances 10.5 Protection against electric shock 10.6 Incorporation of switching devices and components 10.7 Internal electrical circuits and connections 10.8 Connections for external conductors 10.9 Power-frequency electric strength 10.9 Power-frequency electric strength 10.9 Testing of enclosures made of insulating material 10.10 Temperature rise 10.11 Short-circuit rating 10.12 Electromagnetic compatibility 10.13 Mechanical function 10.13 Mechanical function 10.14 Mechanical function 10.15 Mechanical function 10.16 Meets the product standard's requirements. Does not apply, since the entire switchgear needs to be evaluated. Does not apply, since the entire switchgear needs to be evaluated. Does not apply, since the entire switchgear needs to be evaluated. Does not apply, since the entire switchgear needs to be evaluated. 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 10.7 Internal electrical circuits and connections 10.8 Internal electrical circuits and connections 10.9 Power-frequency electric strength 10.9 Power-frequency electric strength 10.9 Temperature rise 10.10 Temperature rise 10.11 Short | Heat dissipation per pole, current-dependent Pvid | 0 W |
| 10.2.2 Corrosion resistance 10.2.3.1 Verification of thermal stability of enclosures 10.2.3.2 Verification of thermal stability of enclosures 10.2.3.2 Verification of resistance of insulating materials to normal heat 10.2.3.3 Resist. of insul. mat. to abnormal heat/fire by internal elect. effects 10.2.4 Resistance to ultra-violet (UV) radiation 10.2.5 Lifting 10.2.5 Lifting 10.2.6 Mechanical impact 10.2.7 Inscriptions 10.3 Degree of protection of assemblies 10.4 Clearances and creepage distances 10.5 Protection against electric shock 10.5 Protection against electric shock 10.6 Incorporation of switching devices and components 10.7 Internal electrical circuits and connections 10.8 Connections for external conductors 10.9 Power-frequency electric strength 10.9.3 Impulse withstand voltage 10.9.4 Testing of enclosures made of insulating material 10.10 Temperature rise 10.11 Short-circuit rating 10.12 Electromagnetic compatibility 10.13 Mechanical function 10.13 Mechanical function Meets the product standard's requirements. Does not apply, since the entire switchgear needs to be evaluated. Meets the product standard's requirements. Does not apply, since the entire switchgear needs to be evaluated. Does not apply, since the entire switchgear needs to be evaluated. Is the panel builder's responsibility. Is the panel builder's responsibility. Is the panel builder's responsibility. In the panel builder's responsibility. The specifications for the switchgear must observed. In the panel builder's responsibility. The specifications for the switchgear must observed. | Rated operational current for specified heat dissipation (In) | 0 A |
| Meets the product standard's requirements. 10.2.3 Verification of thermal stability of enclosures 10.2.3 Resists of insul. mat. to abnormal heat/fire by internal elect. effects 10.2.4 Resistance to ultra-violet (UV) radiation 10.2.5 Lifting 10.2.6 Mechanical impact 10.2.7 Inscriptions 10.3 Degree of protection of assemblies 10.4 Clearances and creepage distances 10.5 Protection against electric shock 10.6 Incorporation of switching devices and components 10.7 Internal electrical circuits and connections 10.8 Connections for external conductors 10.9 Ower-frequency electric strength 10.9.4 Testing of enclosures made of insulating material 10.10 Temperature rise 10.11 Short-circuit rating Meets the product standard's requirements. Meets the product standard's requirements. Does not apply, since the entire switchgear needs to be evaluated. Meets the product standard's requirements. Does not apply, since the entire switchgear needs to be evaluated. Meets the product standard's requirements. Does not apply, since the entire switchgear needs to be evaluated. Does not apply, since the entire switchgear needs to be evaluated. Does not apply, since the entire switchgear needs to be evaluated. Does not apply, since the entire switchgear needs to be evaluated. Does not apply, since the entire switchgear needs to be evaluated. Is the panel builder's responsibility. Is the panel builder's responsibility. The specifications for the switchgear must observed. In the device meets the requirements, provided the information in the instruction | Static heat dissipation, non-current-dependent Pvs | 0 W |
| 10.2.32 Verification of resistance of insulating materials to normal heat 10.2.3.3 Resist. of insul. mat. to abnormal heat/fire by internal elect. effects 10.2.4 Resistance to ultra-violet (UV) radiation 10.2.5 Lifting 10.2.6 Mechanical impact 10.2.7 Inscriptions 10.3 Degree of protection of assemblies 10.4 Clearances and creepage distances 10.5 Protection against electric shock 10.6 Incorporation of switching devices and components 10.7 Internal electrical circuits and connections 10.8 Connections for external conductors 10.9 Power-frequency electric strength 10.9.1 Destroy of enclosures made of insulating material 10.9 Testing of enclosures made of insulating material 10.10 Temperature rise 10.11 Short-circuit rating 10.12 Electromagnetic compatibility 10.13 Mechanical function Meets the product standard's requirements. Does not apply, since the entire switchgear needs to be evaluated. Meets the product standard's requirements. Does not apply, since the entire switchgear needs to be evaluated. Does not apply, since the entire switchgear needs to be evaluated. In the panel builder's responsibility. In the panel builder's responsibility. The specifications for the switchgear must observed. In the device meets the requirements, provided the information in the instruction. | 10.2.2 Corrosion resistance | Meets the product standard's requirements. |
| 10.2.3 Resist. of insul. mat. to abnormal heat/fire by internal elect. effects 10.2.4 Resistance to ultra-violet (UV) radiation 10.2.5 Lifting 10.2.6 Mechanical impact 10.2.7 Inscriptions 10.3 Degree of protection of assemblies 10.3 Degree of protection of assemblies 10.4 Clearances and creepage distances 10.5 Protection against electric shock 10.6 Incorporation of switching devices and components 10.7 Internal electrical circuits and connections 10.8 Connections for external conductors 10.9 Power-frequency electric strength 10.9.1 Testing of enclosures made of insulating material 10.10 Temperature rise 10.11 Short-circuit rating 10.12 Electromagnetic compatibility 10.13 Mechanical function 10.13 Mechanical function 10.14 Resistance to ultra-violet (UV) radiation 10.2.6 Incorporation of switching devices and components 10.2.7 Internal electric strength 10.3 Dees not apply, since the entire switchgear needs to be evaluated. 10.6 Incorporation of switching devices and components 10.8 Connections for external conductors 10.9 Power-frequency electric strength 10.9 Is the panel builder's responsibility. 10.9 In the panel builder's responsibility. 10.10 Temperature rise 10.11 Short-circuit rating 10.12 Electromagnetic compatibility 10.13 Mechanical function 10.13 Mechanical function 10.14 Mechanical function 10.15 Mechanical function 10.16 meers the requirements, provided the information in the instruction | 10.2.3.1 Verification of thermal stability of enclosures | Meets the product standard's requirements. |
| 10.2.4 Resistance to ultra-violet (UV) radiation Please enquire 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. 10.9.2 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 10.10 Temperature rise Not applicable. 10.11 Short-circuit rating Is the panel builder's responsibility. The specifications for the switchgear must observed. 10.12 Electromagnetic compatibility Is the panel builder's responsibility. The specifications for the switchgear must observed. | 10.2.3.2 Verification of resistance of insulating materials to normal heat | Meets the product standard's requirements. |
| 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. 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 observed. 10.12 Electromagnetic compatibility 10.13 Mechanical function The device meets the requirements, provided the information in the instruction | 10.2.3.3 Resist. of insul. mat. to abnormal heat/fire by internal elect. effects | Meets the product standard's requirements. |
| 10.2.6 Mechanical impact 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 observed. 10.12 Electromagnetic compatibility Is the panel builder's responsibility. The specifications for the switchgear must observed. 10.13 Mechanical function The device meets the requirements, provided the information in the instruction | 10.2.4 Resistance to ultra-violet (UV) radiation | Please enquire |
| 10.2.7 Inscriptions 10.3 Degree of protection of assemblies 10.4 Clearances and creepage distances 10.5 Protection against electric shock 10.6 Incorporation of switching devices and components 10.7 Internal electrical circuits and connections 10.8 Connections for external conductors 10.9.2 Power-frequency electric strength 10.9.3 Impulse withstand voltage 10.9.4 Testing of enclosures made of insulating material 10.10 Temperature rise 10.11 Short-circuit rating 10.12 Electromagnetic compatibility 10.13 Mechanical function Meets the product standard's requirements. Does not apply, since the entire switchgear needs to be evaluated. Does not apply, since the entire switchgear needs to be evaluated. Is the panel builder's responsibility. In the panel builder's responsibility. The specifications for the switchgear must observed. In the device meets the requirements, provided the information in the instruction | 10.2.5 Lifting | Does not apply, since the entire switchgear needs to be evaluated. |
| 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 observed. 10.12 Electromagnetic compatibility The device meets the requirements, provided the information in the instruction | 10.2.6 Mechanical impact | Does not apply, since the entire switchgear needs to be evaluated. |
| 10.4 Clearances and creepage distances 10.5 Protection against electric shock 10.6 Incorporation of switching devices and components 10.7 Internal electrical circuits and connections 10.8 Connections for external conductors 10.9.2 Power-frequency electric strength 10.9.3 Impulse withstand voltage 10.9.4 Testing of enclosures made of insulating material 10.10 Temperature rise 10.11 Short-circuit rating 10.12 Electromagnetic compatibility 10.13 Mechanical function Meets the product standard's requirements. Does not apply, since the entire switchgear needs to be evaluated. Is the panel builder's responsibility. The specifications for the switchgear must observed. Is the panel builder's responsibility. The specifications for the switchgear must observed. The device meets the requirements, provided the information in the instruction | 10.2.7 Inscriptions | Meets the product standard's requirements. |
| 10.5 Protection against electric shock 10.6 Incorporation of switching devices and components 10.7 Internal electrical circuits and connections 10.8 Connections for external conductors 10.9.2 Power-frequency electric strength 10.9.3 Impulse withstand voltage 10.9.4 Testing of enclosures made of insulating material 10.10 Temperature rise 10.11 Short-circuit rating 10.12 Electromagnetic compatibility 10.13 Mechanical function 10.14 Mechanical function Does not apply, since the entire switchgear needs to be evaluated. 10.15 Protection against electric stored be evaluated. 10.16 Is the panel builder's responsibility. 10.19 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 observed. 10.12 Electromagnetic compatibility The device meets the requirements, provided the information in the instruction | 10.3 Degree of protection of assemblies | Does not apply, since the entire switchgear needs to be evaluated. |
| 10.6 Incorporation of switching devices and components 10.7 Internal electrical circuits and connections 10.8 Connections for external conductors 10.9.2 Power-frequency electric strength 10.9.3 Impulse withstand voltage 10.9.4 Testing of enclosures made of insulating material 10.10 Temperature rise 10.11 Short-circuit rating 10.12 Electromagnetic compatibility 10.13 Mechanical function 10.14 Mechanical function 10.15 Incorporation of switching devices and components 10.16 Incorporation of switching are entire switchgear needs to be evaluated. 10.17 Is the panel builder's responsibility. 10.18 Is the panel builder's responsibility. 10.19 Is the panel builder's responsibility. 10.10 Temperature rise 10.11 Short-circuit rating 10.12 Electromagnetic compatibility 10.13 Mechanical function 10.14 Mechanical function 10.15 Incorporation of switchgear needs to be evaluated. 10.16 Is the panel builder's responsibility. 10.17 Incorporation of switchgear needs to be evaluated. 10.18 Incorporation of switchgear needs to be evaluated. 10.19 Is the panel builder's responsibility. 10.19 Incorporation of the switchgear must observed. 10.10 Incorporation of the switchgear must observed. 10.11 Mechanical function 10.12 Incorporation of the switchgear must observed. | 10.4 Clearances and creepage distances | Meets the product standard's requirements. |
| 10.7 Internal electrical circuits and connections 10.8 Connections for external conductors 10.9.2 Power-frequency electric strength 10.9.3 Impulse withstand voltage 10.9.4 Testing of enclosures made of insulating material 10.10 Temperature rise 10.11 Short-circuit rating 10.12 Electromagnetic compatibility 10.13 Mechanical function 1 Is the panel builder's responsibility. 10.15 Is the panel builder's responsibility. 10.16 Is the panel builder's responsibility. 10.17 Is the panel builder's responsibility. 10.18 The panel builder's responsibility. The specifications for the switchgear must observed. 10.19 Is the panel builder's responsibility. The specifications for the switchgear must observed. 10.19 The device meets the requirements, provided the information in the instruction | 10.5 Protection against electric shock | Does not apply, since the entire switchgear needs to be evaluated. |
| 10.8 Connections for external conductors 1s the panel builder's responsibility. 10.9.2 Power-frequency electric strength 1s the panel builder's responsibility. 1s the panel builder's responsibility. The specifications for the switchgear must observed. 1s the panel builder's responsibility. The specifications for the switchgear must observed. 1s the panel builder's responsibility. The specifications for the switchgear must observed. 1s the panel builder's responsibility. The specifications for the switchgear must observed. 1s the panel builder's responsibility. The specifications for the switchgear must observed. 1s the panel builder's responsibility. The specifications for the switchgear must observed. The device meets the requirements, provided the information in the instruction | 10.6 Incorporation of switching devices and components | Does not apply, since the entire switchgear needs to be evaluated. |
| 10.9.2 Power-frequency electric strength 10.9.3 Impulse withstand voltage 10.9.4 Testing of enclosures made of insulating material 10.10 Temperature rise 10.11 Short-circuit rating 10.12 Electromagnetic compatibility 10.13 Mechanical function 10.13 Mechanical function 10.14 Is the panel builder's responsibility. The specifications for the switchgear must observed. 10.15 the panel builder's responsibility. The specifications for the switchgear must observed. 10.15 He panel builder's responsibility. The specifications for the switchgear must observed. 10.16 Device meets the requirements, provided the information in the instruction | 10.7 Internal electrical circuits and connections | Is the panel builder's responsibility. |
| 10.9.3 Impulse withstand voltage 10.9.4 Testing of enclosures made of insulating material 10.9.4 Testing of enclosures made of insulating material 10.10 Temperature rise 10.11 Short-circuit rating 10.12 Electromagnetic compatibility 10.13 Mechanical function 10.13 Mechanical function 10.14 Is the panel builder's responsibility. The specifications for the switchgear must observed. 10.15 The device meets the requirements, provided the information in the instruction | 10.8 Connections for external conductors | Is the panel builder's responsibility. |
| 10.9.4 Testing of enclosures made of insulating material 10.10 Temperature rise Not applicable. 10.11 Short-circuit rating Is the panel builder's responsibility. The specifications for the switchgear must observed. 10.12 Electromagnetic compatibility Is the panel builder's responsibility. The specifications for the switchgear must observed. 10.13 Mechanical function The device meets the requirements, provided the information in the instruction | 10.9.2 Power-frequency electric strength | Is the panel builder's responsibility. |
| 10.10 Temperature rise 10.11 Short-circuit rating 10.12 Electromagnetic compatibility 10.13 Mechanical function Not applicable. Is the panel builder's responsibility. The specifications for the switchgear must observed. Is the panel builder's responsibility. The specifications for the switchgear must observed. The device meets the requirements, provided the information in the instruction | 10.9.3 Impulse withstand voltage | Is the panel builder's responsibility. |
| 10.11 Short-circuit rating Is the panel builder's responsibility. The specifications for the switchgear must observed. 10.12 Electromagnetic compatibility Is the panel builder's responsibility. The specifications for the switchgear must observed. 10.13 Mechanical function The device meets the requirements, provided the information in the instruction | 10.9.4 Testing of enclosures made of insulating material | Is the panel builder's responsibility. |
| observed. 10.12 Electromagnetic compatibility Is the panel builder's responsibility. The specifications for the switchgear must observed. 10.13 Mechanical function The device meets the requirements, provided the information in the instruction | 10.10 Temperature rise | Not applicable. |
| observed. 10.13 Mechanical function The device meets the requirements, provided the information in the instruction | 10.11 Short-circuit rating | Is the panel builder's responsibility. The specifications for the switchgear must to observed. |
| | 10.12 Electromagnetic compatibility | Is the panel builder's responsibility. The specifications for the switchgear must be observed. |
| | 10.13 Mechanical function | |

Technical data ETIM 9.0

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@ss13-27-37-12-12 [AKF030019])

| (ed/@5515-27-57-12-12 [AKI 050015]) | | |
|-------------------------------------|----|-------|
| Colour button | | Red |
| Construction type lens | | Round |
| Diameter cap | mm | 38 |

| mm | 22.5 |
|----|--------------|
| mm | 0 |
| mm | 0 |
| | IP67/IP69K |
| | 4X, 13 |
| | High |
| | No |
| | No |
| V | 0 |
| | Yes |
| | No |
| | No |
| | Other |
| | Other |
| | Yes |
| | Turn-release |
| | mm mm |