Changeover switch, RMQ-Titan, With thumb-grip, momentary, 3 positions, Bezel: titanium



Part no. M22-WK3

EL Number (Norway) 216870 4355318

| General specifications            |  |
|-----------------------------------|--|
| Product name                      | Eaton Moeller® series M22 Changeover switch  |
| Part no.                          | M22-WK3  |
| EAN                               | 4015082168704  |
| Product Length/Depth              | 46 millimetre  |
| Product height                    | 30 millimetre  |
| Product width                     | 30 millimetre  |
| Product weight                    | 0.013 kilogram   |
| Compliances                       | CE Marked  |
| Certifications                    | CSA Std. C22.2 No. 14-05 EN 60947-5 IEC 60947-5 CSA Std. C22.2 No. 94-91 UL 508 VDE IEC/EN 60947-5 UL Category Control No.: NKCR VDE 0660 UL File No.: E29184 CSA CSA Class No.: 3211-03 IEC/EN 60947 UL CE CSA-C22.2 No. 94-91 CSA File No.: 012528 CSA-C22.2 No. 14-05 |
| Product Tradename                 | M22  |
| Product Type                      | Changeover switch  |
| Product Sub Type                  | None   |
| Features & Functions              |  |
| Bezel color                       | Titanium   |
| Bezel material                    | Plastic  |
| Color                             | White<br>Black   |
| Design                            | With thumb-grip  |
| Fitted with:                      | Front ring Plunger bridge for the middle contact   |
| Functions                         | Stay-put/spring-return function, can be changed with coding parts M22-XC-Y   |
| General information               |  |
| Accessories                       | Thumb grip   |
| Degree of protection              | NEMA 4X, 13  |
| Degree of protection (front side) | IP66   |
| Lifespan, mechanical              | 100,000 Operations   |
| Opening diameter                  | 22.5 mm  |
| Operating frequency               | 2000 Operations/h  |
| Operating torque                  | 0.3 N·m  |
| Product category                  | RMQ-Titan  |
| Size                              | Front diameter: 29.7 mm  |
| Switching angle                   | 40 °   |
| Туре                              | Selector switch actuator   |
| Ambient conditions, mechanical    |  |
| Mounting position                 | As required  |
| Shock resistance                  | 30 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 Ambient storage temperature - max Ambient storage temperature - max Ambient storage temperature - max  Ambient storage temperature - max  Ambient storage temperature - max  Ser C  Communication  Connection to SmartWire OT  With SWO-RMQ connections  Connection to SmartWire OT  With SWO-RMQ connections  Actuator  Actuator function  Actuator function  Actuator function  Actuator provide period of the storage of the stor | Olimatia aminamantal anaditiana  |  |
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| Ambient storage temperature - min Ambient storage temperature - min Ambient storage temperature - max  Communication Communication Commection to SmartWire-DT  Actuator   Black Actuator  Actuator   Spart   Spart |  |  |
| Ambient storage temperature - max  Climate proofing  Damp heat, cyclic, to IEC 60008 2-30 Damp heat, constant, to IEC 60008 2-70 Damp h |  |  |
| Climate proofing  Damp heat, cyclic, to IEC 60006-2-78  Communication  Connection to Simuriffer-DT  With SWO-8MIQ connections  Yes  Actuator  Actuator or  Actuator or  Actuator or  Actuator or o  | Ambient storage temperature - min  | 40 °C  |
| Communication  Communication  Communication  Communication  Communication  Communication  Communication  Actuator color  Actuator function  Actuator function  Actuator type  Actuator type  Actuator type  Number of switch positions  Contacts  Farce for positive operaing - min  Design verification  Equipment heat dissipation, current-dependent Pvid  Heat dissipation capacity Pdiss  OW  Heat dissipation capacity Pdiss  OW  Rated operational current furs specified heat dissipation (n)  Static heat dissipation, non-current-dependent Pvid  No W  Rated operational current furs specified heat dissipation (n)  102.2 (Dornsoin resistance of mailuling materials to normal heat  102.2.3 Verification of thermal stability of enclosures  102.2.1 Verification of thermal stability of and lossures  102.2.2 Verification of resistance of mailuling materials to normal heat  102.2.3 Seesist of insul, mat to abnormal heat/fire by internal elect, affects  102.4 Restances on the value (IV) rediation  102.5 Misculanced impact  102.6 Misculanced impact  102.6 Misculanced impact  102.6 Design of prosection of assemblies  104.6 Clearances and creepage distances  105.0 Representation of assemblies  106.0 Representation of seasonables  107.1 Internal electrical circuits and components  108.0 Representation of assemblies  109.0 Represent | Ambient storage temperature - max  | 80 °C  |
| Connection to SmartWire-DT  Actuator  Actuator color  Actuator color  Actuator function  Actuator function  Actuator function  Spring-return  Actuator type  Toggle  Number of switch positions  Contacts  Force for positive opening - min  Dosign verification  Equipment heat dissipation, current-dependent Pvid  Heat dissipation per pole, current dependent Pvid  Heat dissipation per pole, current dependent Pvid  Heat dissipation per pole, current dependent Pvid  OW  Rade operational current for specified theat dissipation (In)  State heat dissipation of resistance of insulating material to normal heat  10.2.2 Toroit on thermal stability of enclosures  Meets the product standard's requirements.  10.2.2.3 Nortication of thermal stability of enclosures  Meets the product standard's requirements.  10.2.2 Resistance to ultra-violet (UV) radiation  10.2.4 Resistance to ultra-violet (UV) radiation  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.  10.2.8 Degree of protection of assemblies  Does not apply, since the entire switchgear needs to be evaluated.  10.2.6 Incorporation of switching devices and components  10.2.7 Descriptions  Meets the product standard's requirements.  10.2.8 Degree of protection of assemblies  Does not apply, since the entire switchgear needs to be evaluated.  Meets the product standard's requirements.  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.  Meets the product standard's requirements.  10.3 Degree of protection of assemblies  Does not apply, since the entire switchgear needs to be evaluated.  Meets the product standard's requirements.  10.3 Degree of protection of assemblies  Does not apply, since the entire switchgear needs to be evaluated.  Meets the product standard's requirements.  10.4 Degree of protection of assemblies  Does not apply, since the entire switchgea | Climatic proofing  |  |
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| Actuator function  Actuator type  Actuator type  Actuator type  Number of switch positions  Contacts  Cont | Connection to SmartWire-DT   |  |
| Actuator function  Actuator type Number of switch positions  Contacts Force for positive opening - min  Design verification  Equipment heat dissipation, current-dependent Pvid  Heat dissipation capacity Pdiss Heat dissipation current dependent Pvid  Heat dissipation current dependent Pvid  Heat dissipation current dependent Pvid  Nov  Heat dissipation current dependent Pvid  OV  Heat dissipation current dependent Pvid  OV  Static heat dissipation, non-current dependent Pvid  OV  10.2.2 Corrosion resistance  Meets the product standard's requirements.  10.2.3.1 Verification of thermal stability of enclosures  10.2.2.2 Verification of stemanic of insulating materials to normal heat  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  10.2.3.2 Verification of session for session of insulating materials to normal heat  10.2.3.2 Verification of session for session of insulating materials to normal heat  10.2.3.2 Verification of session for session of insulating materials to normal heat  10.2.3.2 Verification of session for session of insulating materials to normal heat  10.2.3.2 Verification of session for session 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 (LVI) rediation  Please enquire  Does not apply, since the entire switchpear needs to be evaluated.  10.2.5 Unity of the entire switchpear needs to be evaluated.  10.3 Operace of protection of assemblies  Does not apply, since the entire switchpear needs to be evaluated.  10.4 Ceanancies and creepage distances  10.5 Protection against electric shock  Does not apply, since the entire switchpear 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 Internal electrical circuits and conn | Actuator   |  |
| Actuator type Number of switch positions  Contacts Force for positive opening - min  Design verification  Equipment heat dissipation, current-dependent Pvid Heat dissipation capacity Priss Heat dissipation per pole, current-dependent Pvid Heat dissipation per pole, current-dependent Pvid Heat dissipation concurrent-dependent Pvid Heat dissipation concurrent-dependent Pvid Rated operational current for specified heat dissipation (in) Static heat dissipation, non-current-dependent Pvid Heat dissipation of resistance  10.2.3.1 Verification of thermal stability of enclosures Heat dissipation of resistance or insulating materials to normal heat Heat dissipation of resistance or insulating materials to normal heat Heat dissipation of resistance or insulating materials to normal heat Heat dissipation of resistance or insulating materials to normal heat Heat dissipation of resistance or ultra-violet (IVI) radiation Heat dissipation of resistance or insulating materials to normal heat Heat dissipation of resistance or ultra-violet (IVI) radiation Heat the product standard's requirements. Heat  | Actuator color   | Black  |
| 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  Heat dissipation per pole, current-dependent Pvid  Rated operational current for specified heat dissipation (In)  Rated the product standard's requirements.  Does not apply, since the entire switchgear needs to be evaluated.  Rest the product standard's requirements.  Rest the product standard's responsibility.  Rest product standard's responsibility. | Actuator function  |  |
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| Design verification  Equipment heat dissipation, current-dependent Pvid 0W  Heat dissipation capacity Pdiss 0W  Rated operational current for specified heat dissipation (In)  Static heat dissipation, per pole, current-dependent Pvid 0W  Rated operational current for specified heat dissipation (In)  Static heat dissipation, non-current-dependent Pvs 0W  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.  10.2.5 Lifting Dees 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.  10.9.4 Testing of enclosures made of insulating material Is the panel builder's responsibility.  10.9.4 Testing of enclosures made of insulating material Is the panel builder's responsibility.  10.9.4 Testing of enclosures made of insulating material Is the panel builder's responsibility.  10.1 Electromagnetic compatibility  10.1 Electromagnetic compatibility  10.1 Short-circuit reting  10.13 Mechanical function The device meets the requir | Contacts   |  |
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| 10.2.2 Corrosion resistance  10.2.3.1 Verification of thermal stability of enclosures  10.2.3.2 Verification of resistance of insulating materials to normal heat  10.2.3.2 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  10.5 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  10.9.1 Resing of enclosures made of insulating material  10.11 Short-circuit rating  Meets the product standard's requirements.  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.  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.  The specifications for the switchgear must be observed.  In the panel builder's responsibility. The specifications for the switchgear must be observed.  In the device meets the requirements, provided the information in the instruction  | Rated operational current for specified heat dissipation (In)                    | 0 A  |
| 10.2.3.1 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  10.2.6 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  10.9.2 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  10.12 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.  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.  Is the panel builder's responsibility.  The specifications for the switchgear must be observed.  The device meets the requirements, provided the information in the instruction  | Static heat dissipation, non-current-dependent Pvs                               | 0 W  |
| 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 10.3 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 10.11 Short-circuit rating 10.12 Electromagnetic compatibility 10.13 Mechanical function 10.13 Mechanical function 10.13 Mechanical function 10.13 Mechanical function  Meets the product standard's requirements. 10.2 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 10.10 Temperature rise 10.11 Short-circuit rating 10.12 Electromagnetic compatibility 10.13 Mechanical function 10.13 Mechanical function 10.14 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  10.4 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  10.9.3 Impulse withstand voltage  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.  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.  The device meets 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.  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.  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  The device meets the requirements, provided the information in the instruction  | 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.  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.  10.9.1 Trequency electric strength  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.  10.10 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.  | 10.2.3.3 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  10.4 Clearances and creepage distances  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  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.  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.  Is the panel builder's responsibility.  Is the panel builder's responsibility. The specifications for the switchgear must be observed.  Is the panel builder's responsibility. The specifications for the switchgear must be observed.  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 Power-frequency electric strength  10.9.1 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.  The specifications for the switchgear must be observed.  Is the panel builder's responsibility. The specifications for the switchgear must be observed.  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.  10.9.4 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 The specifications for the switchgear must be observed.  10.13 Mechanical function 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.                             |
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| 10.6 Incorporation of switching devices and components  10.7 Internal electrical circuits and connections  1s the panel builder's responsibility.  10.8 Connections for external conductors  1s the panel builder's responsibility.  1s the panel builder's responsibility. The specifications for the switchgear must be observed.  1s the panel builder's responsibility. The specifications for the switchgear must be observed.  1s the panel builder's responsibility. The specifications for the switchgear must be observed.  1s the panel builder's responsibility. The specifications for the switchgear must be observed.  1s the panel builder's responsibility. The specifications for the switchgear must be observed.  | 10.4 Clearances and creepage distances   | Meets the product standard's requirements.   |
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| 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.  1 Is the panel builder's responsibility. The specifications for the switchgear must be observed.  1 Is the panel builder's responsibility. The specifications for the switchgear must be observed.  1 Is the panel builder's responsibility. The specifications for the switchgear must be observed.  1 Is the panel builder's responsibility. The specifications for the switchgear must be observed.   | 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  1 Is the panel builder's responsibility.  1 Is the panel builder's responsibility. The specifications for the switchgear must be observed.  10.12 Electromagnetic compatibility  1 Is the panel builder's responsibility. The specifications for the switchgear must be observed.  10.13 Mechanical function  1 Is the panel builder's responsibility. The specifications for the switchgear must be observed.  1 In the 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  10.10 Temperature rise  10.11 Short-circuit rating  10.12 Electromagnetic compatibility  10.13 Mechanical function  Is the panel builder's responsibility.  Not applicable.  Is the panel builder's responsibility. The specifications for the switchgear must be observed.  Is the panel builder's responsibility. The specifications for the switchgear must be observed.  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 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  | 10.9.2 Power-frequency electric strength   | Is the panel builder's responsibility.   |
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| 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   | 10.9.4 Testing of enclosures made of insulating material                         | Is the panel builder's responsibility.   |
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| 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 be 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 selector switch (EC000222)

Electric engineering, automation, process control engineering / Low-voltage switch technology / Command and alarm device / Front element for selector switches (ecl@ss13-27-37-12-13 [AKF031019])

| [AKF031019])               |        |
|----------------------------|--------|
| Number of switch positions | 3      |
| Type of control element    | Toggle |
| Suitable for illumination  | No     |
| Colour control element     | Black  |

| Colour indicator light cap            |    | Other    |
|---------------------------------------|----|----------|
| Construction type lens                |    | Round    |
| Hole diameter                         | mm | 22.5     |
| Width opening                         | mm | 0        |
| Height opening                        | mm | 0        |
| Switching function latching           |    | No       |
| Spring-return                         |    | Yes      |
| With front ring                       |    | Yes      |
| Material front ring                   |    | Plastic  |
| Colour front ring                     |    | Titanium |
| Degree of protection (IP), front side |    | IP66     |
| Degree of protection (NEMA)           |    | 4X, 13   |