# DATASHEET - M22-2K10-2K01-BVP

**4 contact elements, front mount, Blister pack for hanging**

**Part no.** **M22-2K10-2K01-BVP**
**168773**

| | |
|---|---|
| **General specifications** | |
| Product name | Eaton Moeller® series M22 Accessory Contact element |
| Part no. | M22-2K10-2K01-BVP |
| EAN | 4015081652648 |
| Product Length/Depth | 150 millimetre |
| Product height | 11 millimetre |
| Product width | 245 millimetre |
| Product weight | 0.04 kilogram |
| Compliances | CE |
| Certifications | GL<br>DNV<br>LR |
| Product Tradename | M22 |
| Product Type | Accessory |
| Product Sub Type | Contact element |
| Catalog Notes | Can be ordered using a single article no.<br>Blister pack for hanging. |
| **Features & Functions** | |
| Electric connection type | Screw connection |
| **General information** | |
| Model | Top mounting |
| Mounting method | Front fastening |
| Product category | Accessories |
| **Climatic environmental conditions** | |
| Ambient operating temperature - min | -25 °C |
| Ambient operating temperature - max | 70 °C |
| Ambient storage temperature - min | -25 °C |
| Ambient storage temperature - max | 85 °C |
| **Electrical rating** | |
| Rated operational current (Ie) at AC-15, 220 V, 230 V, 240 V | 6 A |
| **Communication** | |
| Connection to SmartWire-DT | No |
| Connection type | Screw connection |
| **Contacts** | |
| Number of contacts (change-over contacts) | 0 |
| Number of contacts (normally closed contacts) | 2 |
| Number of contacts (normally open contacts) | 2 |
| **Design verification** | |
| Equipment heat dissipation, current-dependent Pvid | 0 W |
| Heat dissipation capacity Pdiss | 0 W |
| Heat dissipation per pole, current-dependent Pvid | 0.11 W |
| Rated operational current for specified heat dissipation (In) | 6 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 | Meets the product standard's requirements. |
| 10.2.5 Lifting | Does not apply, since the entire switchgear needs to be evaluated. |

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|---|---|---|---|
| 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 | | | The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices. |
| 10.11 Short-circuit rating | | | Is the panel builder's responsibility. The specifications for the switchgear must be observed. |
| 10.12 Electromagnetic compatibility | | | Is the panel builder's responsibility. The specifications for the switchgear must be observed. |
| 10.13 Mechanical function | | | The device meets the requirements, provided the information in the instruction leaflet (IL) is observed. |

## Technical data ETIM 9.0

| Low-voltage industrial components (EG000017) / Auxiliary contact block (EC000041) | | | |
|---|---|---|---|
| Electric engineering, automation, process control engineering / Low-voltage switch technology / Component for low-voltage switching technology / Auxiliary switch block (ecl@ss13-27-37-13-02 [AKN342018]) | | | |
| Number of contacts as change-over contact | | | 0 |
| Number of contacts as normally open contact | | | 2 |
| Number of contacts as normally closed contact | | | 2 |
| Number of fault-signal switches | | | 0 |
| Rated operation current Ie at AC-15, 230 V | | A | 6 |
| Type of electric connection | | | Screw connection |
| Model | | | Clip-on |
| Mounting method | | | Front fastening |
| Lamp holder | | | None |


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