# DATASHEET - B3.1/3-PKZ4

## Three-phase busbar link, Circuit-breaker: 3, 183 mm

**Part no.** B3.1/3-PKZ4
220224

| | |
|---|---|
| Product name | Eaton Moeller® series B3 Accessory Three-phase busbar link |
| Part no. | B3.1/3-PKZ4 |
| EAN | 4015082202248 |
| Product Length/Depth | 170 millimetre |
| Product height | 36 millimetre |
| Product width | 33 millimetre |
| Product weight | 0.254 kilogram |
| Certifications | CSA-C22.2 No. 14<br>CSA<br>UL<br>IEC/EN 60947-4-1<br>UL File No.: E36332<br>UL 508<br>CSA File No.: 165628<br>CSA Class No.: 3211-06<br>UL Category Control No.: NLRV<br>CE |
| Product Tradename | B3 |
| Product Type | Accessory |
| Product Sub Type | Three-phase busbar link |
| | |
| Color | Black |
| Electric connection type | Pin |
| Features | Insulated |
| Number of phases | 3 |
| Number of poles | Three-pole |
| | |
| Mounting width | 55 + 9 mm |
| Overvoltage category | III |
| Pollution degree | 3 |
| Product category | Accessories |
| Rated impulse withstand voltage (Uimp) | 6000 V AC |
| Suitable for | 3 Circuit-breakers |
| | |
| Ambient operating temperature - min | -25 °C |
| Ambient operating temperature - max | 55 °C |
| | |
| Rated operational voltage (Ue) - max | 690 V |
| Rated operational voltage (Ue) at AC - max | 690 V |
| Rated uninterrupted current (Iu) | 128 A |
| | |
| Rated conditional short-circuit current (Iq) | 0 kA |
| Rated short-time withstand current (Icw) | 0 kA |
| | |
| Equipment heat dissipation, current-dependent Pvid | 8.4 W |
| Heat dissipation capacity Pdiss | 0 W |
| Heat dissipation per pole, current-dependent Pvid | 2.8 W |
| Rated operational current for specified heat dissipation (In) | 128 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. |

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|---|---|---|---|
| 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. |
| 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 8.0

Low-voltage industrial components (EG000017) / Phase busbar (EC000215)

Electric engineering, automation, process control engineering / Low-voltage switch technology / Component for low-voltage switching technology / Phase busbar (ecl@ss10.0.1-27-37-13-06 [ACN992011])

| | | | |
|---|---|---|---|
| Number of phases | | | 3 |
| Number of poles | | | 3 |
| Suitable for number of devices | | | 3 |
| Module width | | mm | 64 |
| Cross section | | $mm^2$ | 0 |
| Length | | mm | 170 |
| Width in number of modular spacings | | | 10.17 |
| Rated permanent current Iu | | A | 128 |
| Type of electric connection | | | Pin |
| Insulated | | | Yes |
| Rated surge voltage | | kV | 6 |
| Conditioned rated short-circuit current Iq | | kA | 0 |
| Max. rated operation voltage Ue | | V | 690 |
| Rated short-time withstand current Icw | | kA | 0 |
| Suitable for devices with N-conductor | | | No |
| Suitable for devices with auxiliary switch | | | No |
| Colour | | | Black |


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