

**Three-phase busbar link, Circuit-breaker: 5, 261 mm, For PKZM0-...
or PKE12, PKE32 without side mounted auxiliary contacts or voltage
releases**

Part no. **B3.1/5-PKZ0**
044948
EL Number **4357232**
(Norway)

| General specifications | | |
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| Product name | | Eaton Moeller® series B3 Accessory Three-phase busbar link |
| Part no. | | B3.1/5-PKZ0 |
| EAN | | 4015080449485 |
| Product Length/Depth | | 264 millimetre |
| Product height | | 34 millimetre |
| Product width | | 11 millimetre |
| Product weight | | 0.109 kilogram |
| Certifications | | CE CSA CSA-C22.2 No. 14 IEC/EN 60947-4-1 UL 508 UL Category Control No.: NLRV UL CSA File No.: 98494 UL File No.: E36332 CSA Class No.: 3211-06 |
| Product Tradename | | B3 |
| Product Type | | Accessory |
| Product Sub Type | | Three-phase busbar link |
| Features & Functions | | |
| Color | | Black |
| Electric connection type | | Fork |
| Features | | Insulated |
| Functions | | Can be extended by rotating installation |
| Number of phases | | 3 |
| Number of poles | | Three-pole |
| General information | | |
| Mounting width | | 45 + 9 mm |
| Overvoltage category | | III |
| Pollution degree | | 3 |
| Product category | | Accessories |
| Rated impulse withstand voltage (Uimp) | | 6000 V AC |
| Suitable for | | 5 Circuit-breakers |
| Climatic environmental conditions | | |
| Ambient operating temperature - min | | -25 °C |
| Ambient operating temperature - max | | 55 °C |
| Electrical rating | | |
| Rated operational voltage (Ue) - max | | 690 V |
| Rated operational voltage (Ue) at AC - max | | 690 V |
| Rated uninterrupted current (Iu) | | 63 A |
| Short-circuit rating | | |
| Rated conditional short-circuit current (Iq) | | 0 kA |
| Rated short-time withstand current (Icw) | | 0 kA |
| Design verification | | |
| Equipment heat dissipation, current-dependent Pvid | | 8.4 W |
| Heat dissipation capacity Pdis | | 0 W |
| Heat dissipation per pole, current-dependent Pvid | | 2.8 W |

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| Rated operational current for specified heat dissipation (In) | | 63 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. |
| 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

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| 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 (ecI@ss13-27-37-13-06 [ACN992016]) | | |
| Number of phases | | 3 |
| Number of poles | | 3 |
| Suitable for number of devices | | 5 |
| Module width | mm | 54 |
| Cross section | mm ² | 0 |
| Length | mm | 264 |
| Can be cut to size | | No |
| Width in number of modular spacings | | 14.5 |
| Rated permanent current Iu | A | 63 |
| Type of electric connection | | Fork |
| 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 |