

**Three-phase busbar link, Circuit-breaker: 5, 225 mm, For PKZM0-...  
or PKE12, PKE32 without side mounted auxiliary contacts or voltage  
releases**

**Part no.**                    **B3.0/5-PKZ0**  
                                  **232290**  
**EL Number**                **4315192**  
**(Norway)**

| <b>General specifications</b>                |  |
|--|--|
| Product name                                 | Eaton Moeller® series B3 Accessory Three-phase busbar link   |
| Part no.                                     | B3.0/5-PKZ0  |
| EAN  | 4015082322908  |
| Product Length/Depth                         | 225 millimetre   |
| Product height                               | 34 millimetre  |
| Product width                                | 12 millimetre  |
| Product weight                               | 0.1 kilogram   |
| Certifications                               | UL File No.: E36332<br>UL Category Control No.: NLRV<br>CSA File No.: 98494<br>CE<br>CSA<br>IEC/EN 60947-4-1<br>CSA Class No.: 3211-06<br>CSA-C22.2 No. 14<br>UL 508<br>UL |
| Product Tradename                            | B3   |
| Product Type                                 | Accessory  |
| Product Sub Type                             | Three-phase busbar link  |
| Catalog Notes                                | For parallel power feed to several motor-protective circuit-breakers on terminals 1, 3, 5  |
| <b>Features &amp; Functions</b>              |  |
| Color  | Black  |
| Electric connection type                     | Fork   |
| Features                                     | Insulated  |
| Functions                                    | Can be extended by rotating installation   |
| Number of phases                             | 3  |
| Number of poles                              | Three-pole   |
| <b>General information</b>                   |  |
| Mounting width                               | 45 mm  |
| Overvoltage category                         | III  |
| Pollution degree                             | 3  |
| Product category                             | Accessories  |
| Rated impulse withstand voltage (Uimp)       | 6000 V AC  |
| Suitable for                                 | 5 Circuit-breakers   |
| Used with                                    | PKZ0<br>PKE12<br>PKE32   |
| <b>Climatic environmental conditions</b>     |  |
| Ambient operating temperature - min          | -25 °C   |
| Ambient operating temperature - max          | 55 °C  |
| <b>Electrical rating</b>                     |  |
| Rated operational voltage (Ue) - max         | 690 V  |
| Rated operational voltage (Ue) at AC - max   | 690 V  |
| Rated uninterrupted current (Iu)             | 63 A   |
| <b>Short-circuit rating</b>                  |  |
| Rated conditional short-circuit current (Iq) | 0 kA   |
| Rated short-time withstand current (Icw)     | 0 kA   |

| Design verification  |  |  |
|--|--|--|
| Equipment heat dissipation, current-dependent Pvid                               |  | 7.5 W  |
| Heat dissipation capacity Pdis   |  | 0 W  |
| Heat dissipation per pole, current-dependent Pvid                                |  | 2.5 W  |
| 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

| 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 (ec@ss13-27-37-13-06 [ACN992016]) |                 |       |
| Number of phases  |                 | 3     |
| Number of poles   |                 | 3     |
| Suitable for number of devices  |                 | 5     |
| Module width  | mm              | 45    |
| Cross section   | mm <sup>2</sup> | 0     |
| Length  | mm              | 225   |
| Can be cut to size  |                 | No    |
| Width in number of modular spacings   |                 | 12.5  |
| 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 |