# Three-phase commoning link, for 4 PKZ0, +auxiliary contact, +voltage release

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|---|---|
| **Part no.** | **B3.2/4-PKZ0** |
| **Article no.** | **063959** |
| **Catalog No.** | **XTPAXCLKC4** |

## Delivery program

| | | | |
|---|---|---|---|
| | | |  |
| Product range | | | Accessories |
| Accessories | | | Three-phase commoning link |
| | | | Protected against accidental contact, short-circuit proof, $U_e$ = 690 V, $I_u$ = 63 A<br>Can be extended by rotating by installation<br>for PKZM0-... or PKE: attached with an auxiliary contact and a trip-indicating auxiliary contact on the right or attached on the left with a shunt release |
| For use with | | | Three-phase commoning link PKZ0, PKE |
| Circuit-breaker | | Number | 4 |
| Length | | mm | 234 |
| Unit width | | mm | 45 + 18 |

**Notes**

For parallel power feed to several motor-protective circuit-breakers on terminals 1, 3, 5

## Technical data

### Main conducting paths

| | | | |
|---|---|---|---|
| Rated impulse withstand voltage | $U_{imp}$ | V AC | 6000 |
| Overvoltage category/pollution degree | | | III/3 |
| Rated operational voltage | $U_e$ | V AC | 690 |
| Rated uninterrupted current | $I_u$ | A | 63 |

## Design verification as per IEC/EN 61439

| | | | |
|---|---|---|---|
| Technical data for design verification | | | |
| Rated operational current for specified heat dissipation | $I_n$ | A | 63 |
| Heat dissipation per pole, current-dependent | $P_{vid}$ | W | 2.5 |
| Equipment heat dissipation, current-dependent | $P_{vid}$ | W | 7.5 |
| Static heat dissipation, non-current-dependent | $P_{vs}$ | W | 0 |
| Heat dissipation capacity | $P_{diss}$ | W | 0 |
| Operating ambient temperature min. | | °C | -25 |
| Operating ambient temperature max. | | °C | 55 |
| IEC/EN 61439 design verification | | | |
| 10.2 Strength of materials and parts | | | |
| 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 Verification of resistance of insulating materials to abnormal heat and fire due to internal electric 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 Insulation properties | | | |

| | | | |
|---|---|---|---|
| 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. |

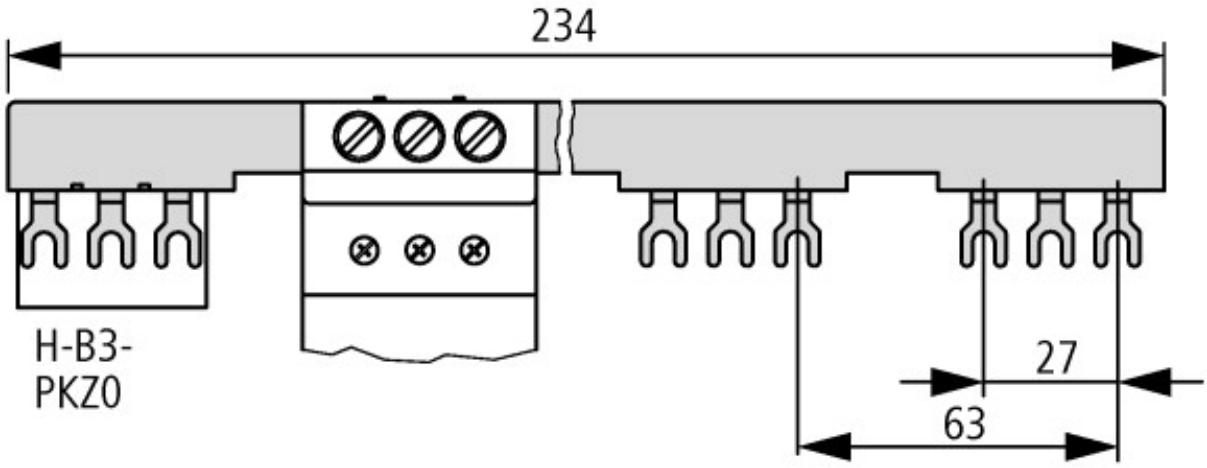
## Technical data ETIM 6.0

| | | | |
|---|---|---|---|
| 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@ss8.1-27-37-13-06 [ACN992008]) | | | |
| Number of phases | | | 3 |
| Number of poles | | | 3 |
| Suitable for number of devices | | | 4 |
| Pitch dimensions | | mm | 63 |
| Cross section | | $mm^2$ | 0 |
| Length | | mm | 234 |
| Number of modular spacings | | | 0 |
| 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-busbar | | | No |
| Suitable for devices with auxiliary switch | | | No |

## Approvals

| | | | |
|---|---|---|---|
| Product Standards | | | UL 508; CSA-C22.2 No. 14; IEC60947-4-1; CE marking |
| UL File No. | | | E36332 |
| UL Category Control No. | | | NLRV |
| CSA File No. | | | 98494 |
| CSA Class No. | | | 3211-06 |
| North America Certification | | | UL listed, CSA certified |
| Specially designed for North America | | | No |

## Dimensions



## Additional product information (links)

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| Motor starters and "Special Purpose Ratings" for the North American market | http://www.moeller.net/binary/ver_techpapers/ver953en.pdf |
| Busbar Component Adapters for modern Industrial control panels | http://www.moeller.net/binary/ver_techpapers/ver960en.pdf |