

## Insulated enclosure, for PKZ0, +cut-out 45mm, IP40\_x

**Part no.** CI-K2-PKZ0  
**Catalog No.** 219653  
**Alternate Catalog No.** XTPAXENCS41  
**EL-Nummer (Norway)** 4355085

## Delivery program

|                      |  |  |   |
|----------------------|--|--|---|
| Product range        |  |  | Accessories   |
| Subrange             |  |  | Surface mounting enclosures   |
| Accessories          |  |  | Insulated enclosures for PKZ  |
|                      |  |  | Cover with aperture dimensioned to accommodate front of breaker   |
| Degree of Protection |  |  | IP41 when mounted vertically<br>IP40 for tilting by 90° left/right  |
| For use with         |  |  | PKZM0-...<br>+NHI oder AGM<br>+U oder A<br>+NHI-E<br>+L-PKZ0 (2 units)<br>Cannot be used with PKZM0-...-SPI32, PKZM0-...-PI |
|                      |  |  | When ordering with basic unit   |

**Notes** With integrated N and PE terminal.  
 In each case 2 metric M25 cable entry knockouts top and bottom.  
 Additional cable insertion membrane as cable entry gland: 2 x in the rear wall and 1 x at the bottom.

## Design verification as per IEC/EN 61439

|  |            |    |  |
|--|------------|----|--|
| Technical data for design verification   |            |    |  |
| Rated operational current for specified heat dissipation   | $I_n$      | A  | 0  |
| Heat dissipation per pole, current-dependent   | $P_{vid}$  | W  | 0  |
| Equipment heat dissipation, current-dependent  | $P_{vid}$  | W  | 0  |
| Static heat dissipation, non-current-dependent   | $P_{vs}$   | W  | 0  |
| Heat dissipation capacity  | $P_{diss}$ | W  | 10   |
| Operating ambient temperature min.   |            | °C | -25  |
| Operating ambient temperature max.   |            | °C | 70   |
| 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   |            |    | Please enquire   |
| 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 8.0

|  |  |    |                  |
|--|--|----|------------------|
| Low-voltage industrial components (EG000017) / Empty enclosure for switchgear (EC000712)   |  |    |                  |
| Electric engineering, automation, process control engineering / Low-voltage switch technology / Component for low-voltage switching technology / Empty housing for switch devices (ecI@ss10.0.1-27-37-13-01 [AKN343014]) |  |    |                  |
| Material housing   |  |    | Plastic          |
| Width  |  | mm | 100              |
| Height   |  | mm | 180              |
| Depth  |  | mm | 105              |
| With transparent cover   |  |    | No               |
| Suitable for emergency stop  |  |    | No               |
| Model  |  |    | Surface mounting |
| Degree of protection (IP)  |  |    | IP40             |
| Degree of protection (NEMA)  |  |    | Other            |