# **DATASHEET - CI-PKZ01-PVT**



Insulated enclosure, IP65\_x, +emergency switching off mushroom pushbutton, for PKZ01



CI-PKZ01-PVT Catalog No. 281406 Alternate Catalog **XTPBXENCSES65 EL-Nummer** 4365003

**Delivery program** 

| Product range  | Accessories  |
|--|--|
| Product range  | Accessories  |
| Subrange   | Surface mounting enclosures                                  |
| Accessories  | Insulated enclosures for PKZ                                 |
|  | with emergency switching off mushroom push-button maintained |
| Degree of Protection   | IP65   |
| For use with   | PKZM01<br>+NHI-E<br>+U or A<br>+L (2 off)                    |
| Notes With integrated PE(N) terminal.<br>In each case 2 metric M25 cable entry knockouts with thread top and bottom. |  |

2 metric M20 cable entry knockouts in the rear wall. Hard mirror with cable entry knockouts which can be cut out.

Part no.

(Norway)

No.

### **Design verification as per IEC/EN 61439**

| Rated operational current for specified heat dissipationInA0Heat dissipation per pole, current-dependentPvidVM0Equipment heat dissipation, current-dependentPvidVM0Static heat dissipation, non-current-dependentPvisVM0Operating ambient temperature min.PvisVM0Operating ambient temperature max.°C3310.2 Strength of materials and parts°C70310.2.2 Corrosion resistanceMets the product standard's requirements.Mets the product standard's requirements.10.2.3.1 Verification of thermal stability of enclosuresMets the product standard's requirements.Mets the product standard's requirements.10.2.3.2 Verification of resistance of insultating materials to normal heatMets the product standard's requirements.Mets the product standard's requirements.10.2.4 Resistance to ultra-violet (UV) radiationNess enquipe:Mets the product standard's requirements.10.3.2.4 Urification of resistance of insultating materials to abornmal heatMets the product standard's requirements.10.2.5 LiftingNess enquipe:Mets the product standard's requirements.10.3.2.6 Mechanical impactMets the product standard's requirements.10.3.2.7 InscriptionsMets the product standard's requirements.10.3.2.6 Mechanical impactMets the product standard's requirements.10.3.2.6 Mechanical impactMets the product standard's requirements.10.3.2.6 Mechanical impactMets the product standard's requirements.10.3.2.6 Mechani   |  |
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| Equipment heat dissipation, current-dependent     Pvid     Vet     Out       Static heat dissipation, non-current-dependent     Pvid     Vet     0       Heat dissipation capacity     Pdiss     Vet     0       Operating ambient temperature min.     Pdiss     Vet     25       Operating ambient temperature max.     *C     7C     7C       102.5 Strength of materials and parts     *C     7C     7C       102.2 Corrosion resistance     Mets the product standard's requirements.     Mets the product standard's requirements.       102.3.1 Verification of thermal stability of enclosures     Mets the product standard's requirements.     Mets the product standard's requirements.       102.3.2 Verification of resistance of insulating materials to abnormal heat and fire due to internal electric effects     Mets the product standard's requirements.       102.2.4 Resistance to ultra-violet (UV) radiation     Mets the product standard's requirements.       102.2.5 Lifting     Des not apply, since the entire switchgear needs to be evaluated.       102.7 Inscriptions     Mets the product standard's requirements.       103.2 Degree of protection of ASSEMBLIES     Des not apply, since the entire switchgear needs to be evaluated.       10.4 Clearances and creepage distances   |  |
| Itatic heat dissipation, non-current-dependent     Pus     We     O       Heat dissipation, capacity     Pdiss     We     0       Operating ambient temperature min.     °C     25       Operating ambient temperature max.     °C     70       IEC/EN 61439 design verification     °C     70       102.25 trength of materials and parts     Meets the product standard's requirements.       102.22 corrosion resistance     Meets the product standard's requirements.       102.3.1 Verification of thermal stability of enclosures     Meets the product standard's requirements.       102.3.2 Verification of resistance of insulating materials to abnormal heat     Meets the product standard's requirements.       102.3.3 Verification of resistance of insulating materials to abnormal heat     Meets the product standard's requirements.       102.3.4 Verification of resistance of insulating materials to abnormal heat     Meets the product standard's requirements.       102.4 Resistance to ultra-violet (UV) radiation     Please enquire       102.5 Lifting     Dees not apply, since the entire switchgear needs to be evaluated.       103.2 Degree of protection of ASSEMBLIES     Meets the product standard's requirements.       104 Clearances and creepage distances     Meets the product standard's requirements. <td></td>   |  |
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|   |  |
| 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  |  |
| 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.     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 7.0**

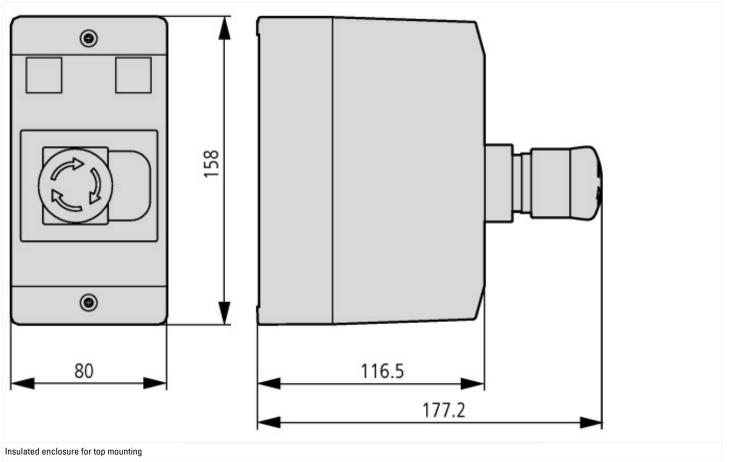
Low-voltage industrial components (EG000017) / Empty enclosure for switchgear (EC000712)

| Electric engineering, automation, process control engineering / Low-voltage switch (ecl@ss10.0.1-27-37-13-01 [AKN343014]) | n technology / Compo | nent for low-voltage switching technology / Empty housing for switch devices |
|---|----------------------|--|
| Material housing  |                      | Plastic  |
| Width   | mm                   | 97   |
| Height  | mm                   | 160  |
| Depth   | mm                   | 80   |
| With transparent cover  |                      | No   |
| Suitable for emergency stop   |                      | Yes  |
| Model   |                      | Surface mounting   |
| Degree of protection (IP)   |                      | IP65   |
| Degree of protection (NEMA)   |                      | Other  |

# **Approvals**

Specially designed for North America No

### **Dimensions**



## Assets (links)

Declaration of CE Conformity 00002411

Instruction Leaflets IL03407018Z2018\_05