# DATASHEET - CI-PKZ01-G



**Insulated enclosure, IP65_x, +operating membrane, for PKZ01**

| | |
|---|---|
| **Part no.** | **CI-PKZ01-G** |
| **Catalog No.** | **281404** |
| **Alternate Catalog No.** | **XTPBXENCS65** |
| **EL-Nummer (Norway)** | **4365001** |

## Delivery program

| | | | |
|---|---|---|---|
| Product range | | | Accessories |
| Subrange | | | Surface mounting enclosures |
| Accessories | | | Insulated enclosures for PKZ |
| | | | with operating membrane |
| Degree of Protection | | | IP65 |
| For use with | | | PKZM01<br>+NHI-E or VHI-PKZ01<br>+U or A or NHI<br>+L (2 off) |

**Notes** With integrated PE(N) terminal.
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.

## 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 7.0

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

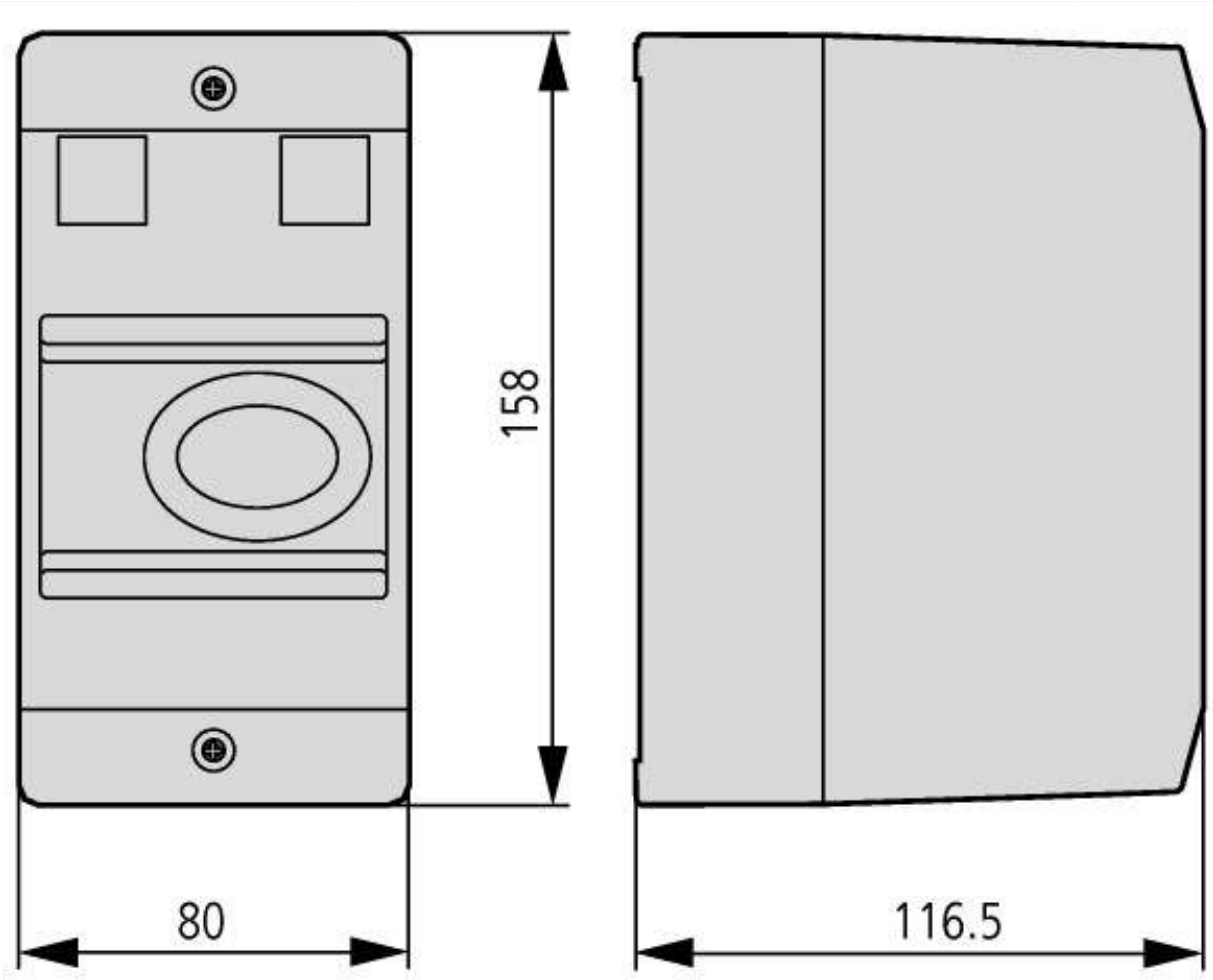
Electric engineering, automation, process control engineering / Low-voltage switch technology / Component for low-voltage switching technology / Empty housing for switch devices (ecl@ss10.0.1-27-37-13-01 [AKN343014])

| | | | |
|---|---|---|---|
| Material housing | | | Plastic |
| Width | | mm | 97 |
| Height | | mm | 160 |
| Depth | | mm | 80 |
| With transparent cover | | | No |
| Suitable for emergency stop | | | No |
| Model | | | Surface mounting |
| Degree of protection (IP) | | | IP65 |
| Degree of protection (NEMA) | | | Other |

## Approvals

| | | | |
|---|---|---|---|
| Specially designed for North America | | | No |

## Dimensions




Insulated enclosure for top mounting


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