



**Insulated enclosure, for PKZ0, 160 x 100 x 130 mm, +rotary handle, black/grey**

**Part no.** CI-K2-PKZ0-G  
**Catalog No.** 219654  
**Alternate Catalog No.** XTPAXENCS65B  
**EL-Nummer (Norway)** 4355086

## Delivery program

|                                                                                                                                                                                                                             |  |                                                     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------------|
| Product range                                                                                                                                                                                                               |  | Accessories                                         |
| Subrange                                                                                                                                                                                                                    |  | Surface mounting enclosures                         |
| Accessories                                                                                                                                                                                                                 |  | Insulated enclosures for PKZ                        |
|                                                                                                                                                                                                                             |  | with black-grey rotary knob                         |
| Degree of Protection                                                                                                                                                                                                        |  | IP65                                                |
| For use with                                                                                                                                                                                                                |  | +NHI or AGM<br>+U or A<br>+NHI-E<br>+L-PKZ0 (2 off) |
| <b>Notes</b> With integrated N and PE terminal.<br>In each case 2 metric M25 cable entry knockouts top and bottom.<br>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 <sub>n</sub>    | A  | 0                                                                                                                                |
| Heat dissipation per pole, current-dependent                                                                           | P <sub>vid</sub>  | W  | 0                                                                                                                                |
| Equipment heat dissipation, current-dependent                                                                          | P <sub>vid</sub>  | W  | 0                                                                                                                                |
| Static heat dissipation, non-current-dependent                                                                         | P <sub>vs</sub>   | W  | 0                                                                                                                                |
| Heat dissipation capacity                                                                                              | P <sub>diss</sub> | W  | 12.5                                                                                                                             |
| 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. |

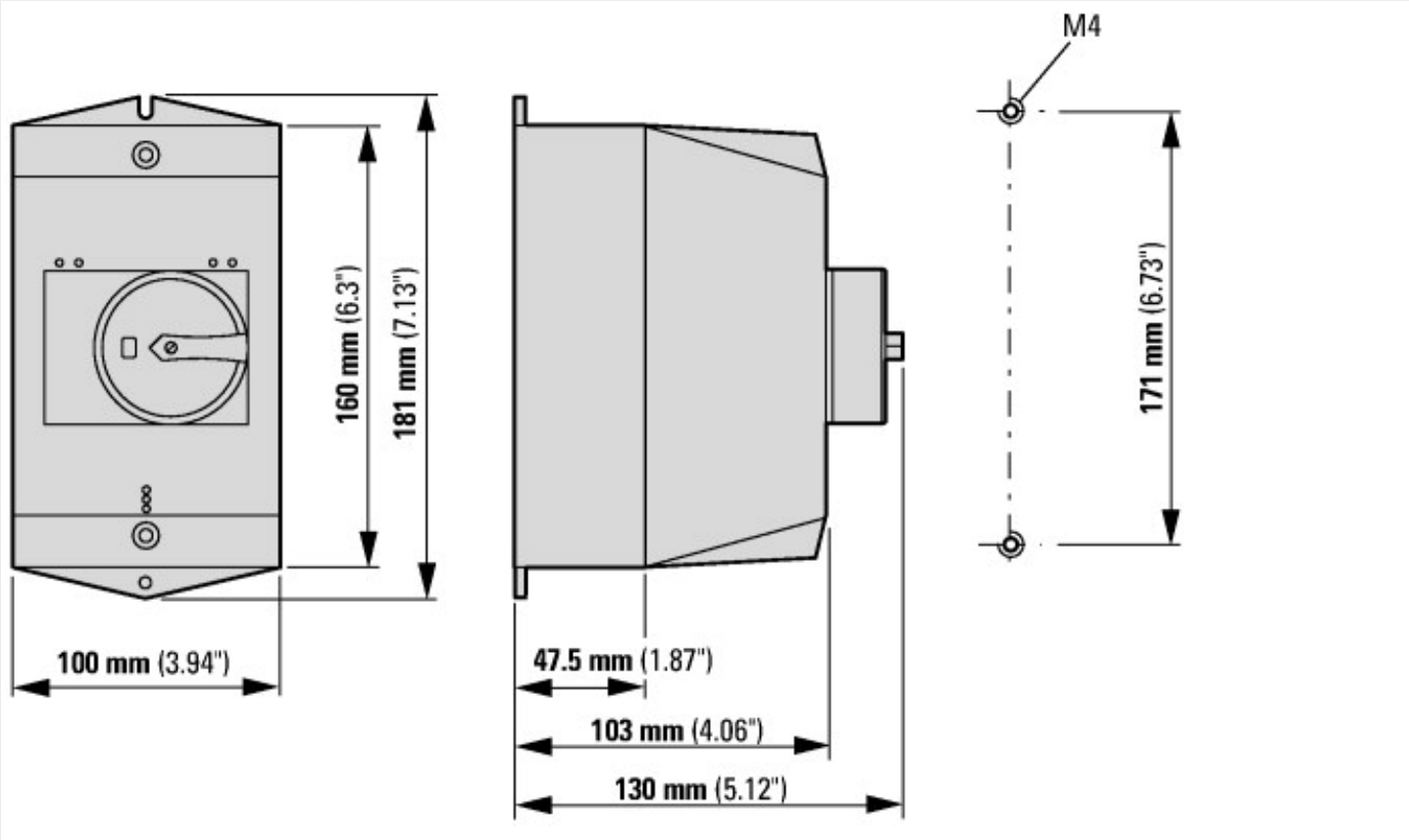
### Technical data ETIM 7.0

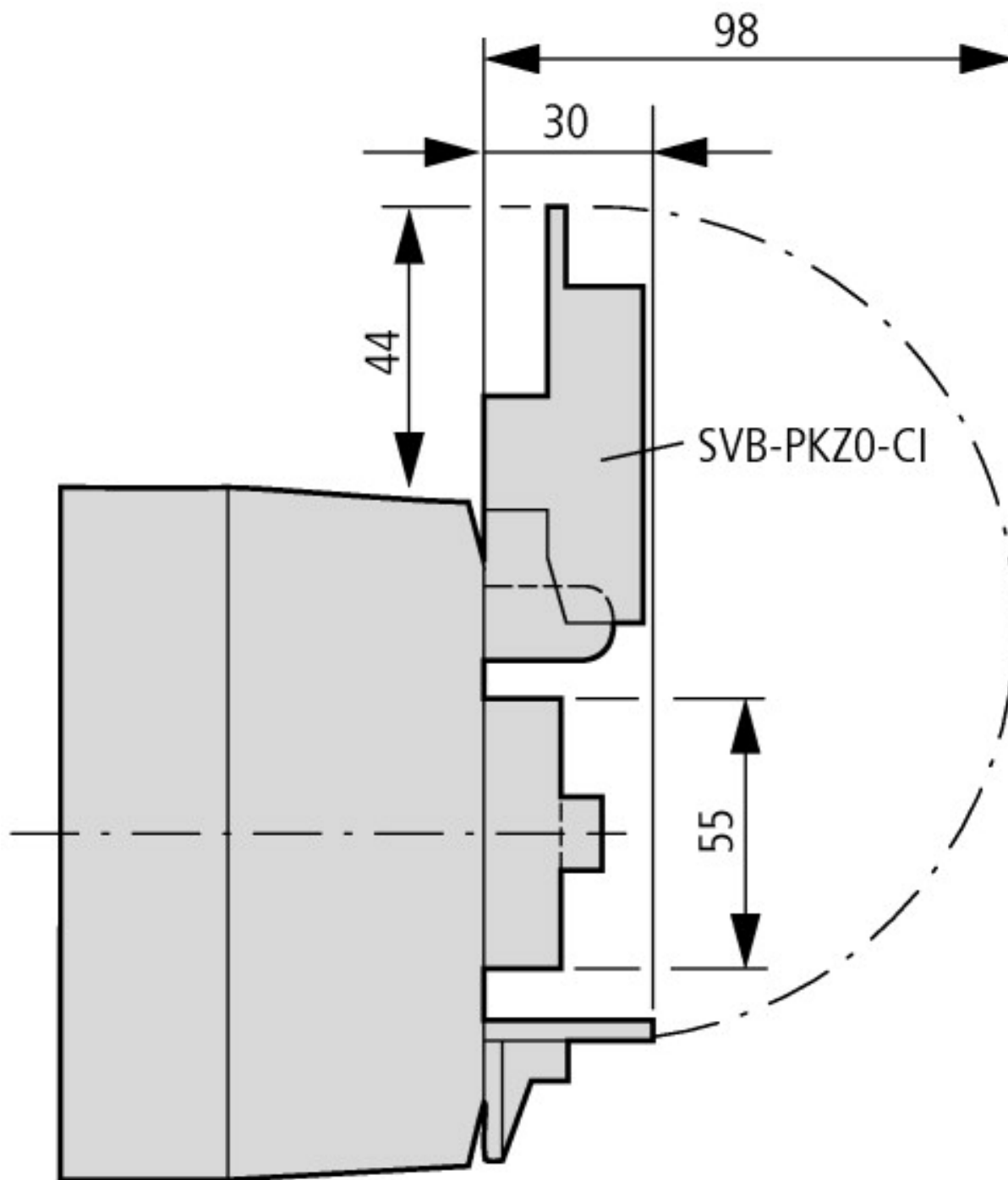
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|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----|------------------|
| 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 | 160              |
| Depth                                                                                                                                                                                                                    |  | mm | 130              |
| 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





CI-K2-PKZ0-G(R)(V) + SVB-PKZ0-CI

## Additional product information (links)

### IL03402002Z (AWA1210-1844) Motor-protective circuit-breaker with insulated enclosures

IL03402002Z (AWA1210-1844) Motor-protective circuit-breaker with insulated enclosures

[https://es-assets.eaton.com/DOCUMENTATION/AWA\\_INSTRUCTIONS/IL03402002Z2018\\_04.pdf](https://es-assets.eaton.com/DOCUMENTATION/AWA_INSTRUCTIONS/IL03402002Z2018_04.pdf)

Motor starters and "Special Purpose Ratings" for the North American market

[http://www.eaton.eu/ecm/groups/public/@pub/@europe/@electrical/documents/content/pct\\_3258146.pdf](http://www.eaton.eu/ecm/groups/public/@pub/@europe/@electrical/documents/content/pct_3258146.pdf)

Busbar Component Adapters for modern Industrial control panels

[http://www.moeller.net/binary/ver\\_techpapers/ver960en.pdf](http://www.moeller.net/binary/ver_techpapers/ver960en.pdf)