

Eaton 281404

Catalog Number: 281404

Eaton Moeller® series CI Insulated enclosure, IP65_x, +operating membrane, for PKZ01



General specifications

Product Name	Catalog Number
Eaton Moeller® series CI Insulated enclosure	281404
	EAN
	4015082814045
Product Length/Depth	Product Height
116.5 mm	158 mm
Product Width	Product Weight
80 mm	0.25 kg
Certifications	Model Code
CE	CI-PKZ01-G

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.

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 Resist. of insul. mat. to abnormal heat/fire by internal elect. 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.

eCAD model

[ETN.CI-PKZ01-G](#)

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[eaton-manual-motor-starters-transformer-pkzm0-wiring-diagram.eps](#)

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[eaton-small-enclosures-enclosure-ci-insulated-enclosure-dimensions.eps](#)

[eaton-small-enclosures-enclosure-ci-insulated-enclosure-3d-drawing-002.eps](#)

mCAD model

[DA-CD-ci_pkz01_g](#)

[DA-CS-ci_pkz01_g](#)

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[IL03407018Z2021_10.pdf](#)

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.

10.9.2 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.

Fitted with:

PE(N) terminal

Operating membrane

Used with

PKZ series

Enclosure material

Plastic

Ambient operating temperature - max

70 °C

Ambient operating temperature - min

-25 °C

Equipment heat dissipation, current-dependent P_{vid}

0 W

Heat dissipation capacity P_{diss}

10 W

Heat dissipation per pole, current-dependent P_{vid}

0 W

Rated operational current for specified heat dissipation (I_n)

0 A

Static heat dissipation, non-current-dependent P_{vs}

0 W

Product category

Accessories

Degree of protection

IP65

NEMA Other

Model

Surface mounting

Knockouts

Hard mirror with cable entry knockouts (can be cut out)

2 x M25 (cable entry knockout with thread at the bottom)

2 x M25 (cable entry knockout with thread at the top)

2 x M20 (cable entry knockouts at the rear)



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