Specifications

Eaton 231221

Catalog Number: 231221

Eaton Moeller® series CI-K Insulated enclosure, HxWxD=160x100x145mm, +mounting rail, NA type



General specifications

Product Name
Eaton Moeller® series CI-K Insulated enclosure

Catalog Number
231221

EAN
4015082312213

Product Length/Depth
181 mm

Product Height
145 mm

Product Width
100 mm

Product Weight
0.43 kg

Certifications
UL
CSA-C22.2 No. 94
CSA
CSA Class No.: 3211-07
UL File No.: E54120
CE
IEC/EN 60947-3
UL 508
CSA File No.: 012528
UL Category Control No.: MITW2
CSA-C22.2 No. 14-05

Catalog Notes
Approved for UL, CSA

Powering Business Worldwide

Product specifications

Type

Basic enclosure

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

Not applicable.

10.2.6 Mechanical impact

Meets the product standard's requirements.

10.2.7 Inscriptions

Meets the product standard's requirements.

10.3 Degree of protection of assemblies

Meets the product standard's requirements.

10.4 Clearances and creepage distances

Meets the product standard's requirements.

Resources

Declarations of conformity

UKCA CI-K..-TS/M general purpose enclosures

CE CI-K..-TS/M general purpose enclosures

eCAD model

ETN.CI-K2X-145-TS-NA

Installation instructions

IL01502082Z

mCAD model

ci_k_ts_na_2

DA-CD-ci_k2_ts_na

10.5 Protection against electric shock

Is the panel builder's responsibility.

10.6 Incorporation of switching devices and components

Is the panel builder's responsibility.

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

Meets the product standard's requirements.

Fitted with:

DIN-rail

Enclosure material

Plastic

Ambient operating temperature - max

70 °C

Ambient operating temperature - min

-25 °C

Equipment heat dissipation, current-dependent Pvid

0 W

Heat dissipation capacity Pdiss

18.5 W

Heat dissipation per pole, current-dependent Pvid

0 W

Mounting depth

118 mm

Rated operational current for specified heat dissipation (In)

0 A

Static heat dissipation, non-current-dependent Pvs

0 W

Product category

Basic enclosures

Enclosure color

Black (RAL 9005)

Light gray, Operator (RAL 7035)

Degree of protection

IP65

NEMA 12

Model

Surface mounting

Degree of protection (front side)

IP65

Temperature resistance

-40 - 80 °C (gasket)

-40 - 120 °C (enclosure)

Knockouts

4 x ½ inch knockouts

Surface treatment

Resistant to corrosion

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