Specifications

Eaton 231220

Catalog Number: 231220

Eaton Moeller® series CI-K Insulated enclosure, HxWxD=160x100x100mm, +mounting rail, NA type



General specifications

Product Name
Eaton Moeller® series CI-K Insulated enclosure

Catalog Number
231220

EAN
4015082312206

Product Length/Depth
181 mm

Product Height
100 mm

Product Width
100 mm

Product Weight
0.32 kg

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

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

DA-CE-ETN.CI-K2X-100-TS-NA

Installation instructions

IL01502082Z

mCAD model

DA-CS-ci_k_ts_na_1

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

12.5 W

Heat dissipation per pole, current-dependent Pvid

0 W

Mounting depth

73 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

Light gray, Operator (RAL 7035)

Black (RAL 9005)

Degree of protection

NEMA 13

IP65

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

Eaton Corporation plc
Eaton House
30 Pembroke Road
Dublin 4, Ireland
Eaton.com

© 2024 Eaton. All Rights Reserved.

Eaton is a registered trademark.

All other trademarks are property of their respective owners.

Eaton.com/socialmedia