Product specifications

Eaton 211108



Catalog Number: 211108

Eaton Moeller® series CI-K Insulated enclosure, HxWxD=160x100x80mm, +hinged cover CI-K2-80-K

General specifications

Product Name
Eaton Moeller® series CI-K Insulated enclosure

Catalog Number
211108

Model Code
CI-K2-80-K

EAN
4015082111083

Product Length/Depth
181 mm

Product Height
100 mm

Product Width
100 mm

Product Weight
0.342 kg

Certifications
IEC/EN 60529
UL94: VO/1.5 mm thickness
IEC 60068-2-11
UL94: HB
DIN EN 62208

Powering Business Worldwide

Product specifications

Rated operational current for specified heat dissipation (In)

0 A

10.11 Short-circuit rating

Is the panel builder's responsibility. The specifications for the switchgear must be observed.

Enclosure color

Light gray, Cover (RAL 7035)
Black (RAL 9005)
Light gray, Operator (RAL 7035)

Temperature resistance

-40 - 120 °C (enclosure)
-40 - 80 °C (gasket)

10.4 Clearances and creepage distances

Meets the product standard's requirements.

10.12 Electromagnetic compatibility

Is the panel builder's responsibility. The specifications for the switchgear must be observed.

10.2.5 Lifting

Not applicable.

Dielectric strength

30 kV/mm, according to IEC 60243-1

10.2.3.1 Verification of thermal stability of enclosures

Meets the product standard's requirements.

Fitted with:

Hinged cover
Control cable entry

10.8 Connections for external conductors

Is the panel builder's responsibility.

Environmental resistance

Partly resistant to greases
Partly resistant to acids (> 10%)
Not resistant to Mineral oil
Resistant against alkalis
Resistant against alcohol
Resistant against gasoline
Resistant against salt solutions
Resistant against greases
Resistant against acids (< 10%)
Partly resistant to alcohol

Resources

Brochures

Brochure - CI-K small enclosures

Compliance information

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

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

Drawings

eaton-small-enclosures-enclosure-ci-k-insulated-enclosure-dimensions-004.eps

eaton-small-enclosures-enclosure-ci-k-insulated-enclosure-dimensions-011.eps

eaton-small-enclosures-enclosure-ci-k-insulated-enclosure-dimensions-003.eps

eCAD model

ETN.CI-K2-80-K

Installation instructions

IL01502081Z

mCAD model

DA-CD-ci_k_k

ci_k_k_1

Not resistant to benzene

Resistant against benzene

Chemical resistant (Base, Cover)

Partly resistant to benzene

Chemical resistant (Push-through membrane (CI-K1/CI-K2) and sealing material)

Not resistant to alkalis

Resistant against mineral oil

Ambient operating temperature - max

70 °C

Track resistance

CTI 175 (base, to IEC 60112)

CTI 175 (cover, to IEC 60112)

Climatic proofing

Damp heat, cyclic, to IEC 60068-2-30

Damp heat, constant, to IEC 60068-2-78

Features

UV resistance beneath protective shield

Halogen free

Static heat dissipation, non-current-dependent Pvs

0 W

10.9.3 Impulse withstand voltage

Is the panel builder's responsibility.

Knockouts

Metric cable entry knockouts at the top, bottom and back plate

Hard metric cable entry knockouts

Ambient operating temperature - min

-25 °C

10.6 Incorporation of switching devices and components

Is the panel builder's responsibility.

10.5 Protection against electric shock

Is the panel builder's responsibility.

10.13 Mechanical function

The device meets the requirements, provided the information in the instruction leaflet (IL) is observed.

10.2.6 Mechanical impact

Meets the product standard's requirements.

10.9.4 Testing of enclosures made of insulating material

Meets the product standard's requirements.

10.3 Degree of protection of assemblies

Meets the product standard's requirements.

Heat dissipation per pole, current-dependent Pvid

0 W

Water consumption

0.29 % (According to DIN EN ISO 62)

Mounting weight capacity - max

0.7 kg

Product category

Empty enclosures

Equipment heat dissipation, current-dependent Pvid

0 W

Heat dissipation capacity Pdiss

10 W

Suitable for

Emergency stop

Flammability characteristics

960 °C/1 mm thickness (base, cover; glow wire to VDE 0471 Part 2)

650 °C/1 mm thick (push-through membrane and seal material) to VDE 0471 Part 2)

Cover material

Glass-fiber reinforced polycarbonate

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.

Impact resistance

IK06 (according to EN 50102)

10.9.2 Power-frequency electric strength

Is the panel builder's responsibility.

Degree of protection

IP54

NEMA Other

10.7 Internal electrical circuits and connections

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.

Mounting depth

70 mm

Enclosure material

1 Ω x 10^{13} (Surface resistance to IEC 60093)

Plastic

Type

Basic enclosure

10.2.2 Corrosion resistance

Meets the product standard's requirements.

10.2.4 Resistance to ultra-violet (UV) radiation

Please enquire

10.2.7 Inscriptions

Meets the product standard's requirements.

Surface treatment

Resistant to corrosion

Model

Surface mounting

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