

Eaton 211108

Catalog Number: 211108

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



General specifications

Product Name	Catalog Number
Eaton Moeller® series CI-K Insulated enclosure	211108
	Model Code
	CI-K2-80-K
EAN	Product Length/Depth
4015082111083	181 mm
Product Height	Product Width
100 mm	100 mm
Product Weight	Certifications
0.342 kg	IEC/EN 60529
	UL94: VO/1.5 mm thickness
	IEC 60068-2-11
	UL94: HB
	DIN EN 62208

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 P_{vid}

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 P_{vid}

0 W

Heat dissipation capacity P_{diss}

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 10¹³ (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



Eaton Corporation plc
Eaton House
30 Pembroke Road
Dublin 4, Ireland
Eaton.com
© 2023 Eaton. All rights reserved.

Eaton is a registered trademark.

All other trademarks are property of their respective owners.



Eaton.com/socialmedia