Specifications

Eaton 105859



Catalog Number: 105859

Eaton Moeller® series CI-K Insulated enclosure, for T3-4

General specifications

Product Name	**Catalog Number**
Eaton Moeller® series CI-K Insulated enclosure	105859
	EAN
	4015081056361
Product Length/Depth	**Product Height**
181 mm	100 mm
Product Width	**Product Weight**
100 mm	0.36 kg
Compliances	**Catalog Notes**
CE	1 contact unit = 2 contacts

Powering Business Worldwide

Product specifications

Type

Insulated 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

Meets the product standard's requirements.

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.

Resources

Catalogs

P Switch-disconnectors and T Rotary cam switches catalogue CA042001EN

Drawings

eaton-rotary-switches-t3-changeover-switch-dimensions-002.eps

eaton-rotary-switches-enclosure-ci-k-insulated-enclosure-3d-drawing.eps

eCAD model

ETN.CI-K2H-T3-4

Installation instructions

IL01502081Z

mCAD model

DA-CD-bauform8_n

DA-CS-bauform8_n

10.4 Clearances and creepage distances

Meets the product standard's requirements.

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:

Metric knockouts
Additional terminal

Enclosure material

Plastic

Ambient operating temperature - max

40 °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

Rated operational current for specified heat dissipation (In)

0 A

Static heat dissipation, non-current-dependent Pvs

0 W

Degree of protection

IP65

NEMA 12

Model

Surface mounting

Radiated heat dissipation with separate mounting

18.5 W (at an ambient temperature of 20 °C)

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