DATASHEET - CI-K2-T3-2

Insulated enclosure, HxWxD=160x100x100mm, for T3-2

Part no.	**CI-K2-T3-2**
	207437
EL Number (Norway)	**1456520**

General specifications

Product name	Eaton Moeller® series CI-K Insulated enclosure
Part no.	CI-K2-T3-2
EAN	4015082074371
Product Length/Depth	181 millimetre
Product height	84 millimetre
Product width	100 millimetre
Product weight	0.33 kilogram
Certifications	IEC/EN 60947-3 CSA-C22.2 No. 94 CE CSA-C22.2 No. 14-05 UL File No.: E54120 CSA File No.: 012528 UL 508 UL CSA Class No.: 3211-07 CSA UL Category Control No.: MITW2
Product Tradename	CI-K
Product Type	Insulated enclosure
Product Sub Type	None
Catalog Notes	1 contact unit = 2 contacts The membrane can be pushed through with the cable: main power cable = 12 - 16 mm, control current cable = 8 mm

Features & Functions

Enclosure material	Plastic
Fitted with:	Additional terminal Push-through cable entry diaphragm

General information

Degree of protection	IP65 NEMA 12
Model	Surface mounting
Type	Insulated enclosure
Used with	with an additional PE clamp

Climatic environmental conditions

Ambient operating temperature - min	-25 °C
Ambient operating temperature - max	40 °C

Design verification

Equipment heat dissipation, current-dependent Pvid	0 W
Heat dissipation capacity Pdiss	12.5 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
Radiated heat dissipation with separate mounting	12.5 W (at an ambient temperature of 20 °C)
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.
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.
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.

Technical data ETIM 9.0

Low-voltage industrial components (EG000017) / Empty enclosure for switchgear (EC000712)

Electric engineering, automation, process control engineering / Low-voltage switch technology / Component for low-voltage switching technology / Empty housing for switch devices (ecl@ss13-27-37-13-01 [AKN343019])

Housing material			Plastic
Width		mm	100
Height		mm	84
Depth		mm	181
With transparent cover			No
Suitable for emergency stop			No
Model			Surface mounting
Degree of protection (IP)			IP65
Degree of protection (NEMA)			12