DATASHEET - CI-K3X-125-TS-NA

Insulated enclosure, HxWxD=200x120x125mm, +mounting rail, NA type

Part no. **CI-K3X-125-TS-NA**
231222

Powering Business Worldwide™

General specifications

Product name	Eaton Moeller® series CI-K Insulated enclosure
Part no.	CI-K3X-125-TS-NA
EAN	4015082312220
Product Length/Depth	222 millimetre
Product height	125 millimetre
Product width	120 millimetre
Product weight	0.61 kilogram
Certifications	UL 508 UL File No.: E54120 CSA-C22.2 No. 94 CE UL CSA Class No.: 3211-07 UL Category Control No.: MITW2 CSA CSA File No.: 012528 IEC/EN 60947-3 CSA-C22.2 No. 14-05
Product Tradename	CI-K
Product Type	Insulated enclosure
Product Sub Type	None
Catalog Notes	Approved for UL, CSA

Features & Functions

Enclosure color	Light gray, Operator (RAL 7035) Black (RAL 9005)
Enclosure material	Plastic
Features	Smooth shape all round with sharp corners
Fitted with:	DIN-rail

General information

Degree of protection	NEMA 12 IP65
Degree of protection (front side)	IP65
Model	Surface mounting
Mounting depth	93 mm
Product category	Basic enclosures
Surface treatment	Resistant to corrosion
Type	Basic enclosure

Ambient conditions, mechanical

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

Climatic environmental conditions

Ambient operating temperature - min	-25 °C
Ambient operating temperature - max	70 °C

Design verification

Equipment heat dissipation, current-dependent Pvid	0 W
Heat dissipation capacity Pdiss	21.5 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
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.
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.
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	120
Height		mm	125
Depth		mm	222
With transparent cover			No
Suitable for emergency stop			No
Model			Surface mounting
Degree of protection (IP)			IP65
Degree of protection (NEMA)			12