

Part no. **CI-K2X-145-TS-NA**
231221

General specifications		
Product name		Eaton Moeller® series CI-K Insulated enclosure
Part no.		CI-K2X-145-TS-NA
EAN		4015082312213
Product Length/Depth		181 millimetre
Product height		145 millimetre
Product width		100 millimetre
Product weight		0.43 kilogram
Certifications		IEC/EN 60947-3 UL UL File No.: E54120 UL Category Control No.: MITW2 CSA CSA Class No.: 3211-07 UL 508 CSA-C22.2 No. 94 CE CSA File No.: 012528 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		Black (RAL 9005) Light gray, Operator (RAL 7035)
Enclosure material		Plastic
Fitted with:		DIN-rail
Knockouts		4 x ½ inch knockouts
General information		
Degree of protection		IP65 NEMA 12
Degree of protection (front side)		IP65
Model		Surface mounting
Mounting depth		118 mm
Product category		Basic enclosures
Surface treatment		Resistant to corrosion
Type		Basic enclosure
Ambient conditions, mechanical		
Temperature resistance		-40 - 80 °C (gasket) -40 - 120 °C (enclosure)
Climatic environmental conditions		
Ambient operating temperature - min		-25 °C
Ambient operating temperature - max		70 °C
Design verification		
Equipment heat dissipation, current-dependent P _{vid}		0 W
Heat dissipation capacity P _{diss}		18.5 W
Heat dissipation per pole, current-dependent P _{vid}		0 W
Rated operational current for specified heat dissipation (I _n)		0 A
Static heat dissipation, non-current-dependent P _{vs}		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	100
Height		mm	145
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