



Insulated enclosure, HxWxD=240x160x160mm, +mounting rail, NA type

Part no. CI-K4X-160-TS-NA
Article no. 231225

Delivery program

Product range			CI-K small enclosures
Basic function			Basic enclosures
Product function			Basic enclosures for North America
Single unit/Complete unit			Single unit
Degree of Protection			Front IP65 IP65, with push-through cable entry
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Description			Approved for UL, CSA smooth all round with mit sharp corners Enclosure base RAL 9005, black Operator only RAL 7035, light gray
Dimensions			
Width		mm	160
Height		mm	240
Depth		mm	160
Features			with DIN-rail
Mounting depth:		mm	128

Design verification as per IEC/EN 61439

Technical data for design verification			
Degree of Protection			Front IP65 IP65, with push-through cable entry
Surface treatment			Resistant to corrosion
Temperature resistant			-40 °C - 120 °C (enclosure) -40 °C - +80 °C (gasket)
IEC/EN 61439 design verification			
10.2 Strength of materials and parts			
10.2.2 Corrosion resistance			
10.2.3.1 Verification of thermal stability of enclosures			
10.2.3.2 Verification of resistance of insulating materials to normal heat			
10.2.3.3 Verification of resistance of insulating materials to abnormal heat and fire due to internal electric effects			
10.2.4 Resistance to ultra-violet (UV) radiation			
10.2.5 Lifting			
10.2.6 Mechanical impact			
10.2.7 Inscriptions			
10.3 Degree of protection of ASSEMBLIES			
10.4 Clearances and creepage distances			
10.5 Protection against electric shock			
10.6 Incorporation of switching devices and components			
10.7 Internal electrical circuits and connections			
10.8 Connections for external conductors			
10.9 Insulation properties			
10.9.2 Power-frequency electric strength			
10.9.3 Impulse withstand voltage			
10.9.4 Testing of enclosures made of insulating material			
10.10 Temperature rise			
10.11 Short-circuit rating			

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 6.0

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 (ec1@ss8.1-27-37-13-01 [AKN343011])		
Material housing		Plastic
Width	mm	160
Height	mm	240
Depth	mm	160
With transparent cover		No
Suitable for emergency stop		No
Model		Surface mounting
Degree of protection (IP)		IP65

Approvals

Product Standards		UL 508; CSA-C22.2 No. 14-05; CSA-C22.2 No. 94; IEC/EN 60947-3; CE marking
UL File No.		E54120
UL Category Control No.		MITW2
CSA File No.		12528
CSA Class No.		3211-07
North America Certification		UL listed, CSA certified
Specially designed for North America		Yes
Degree of Protection		IEC: IP65; UL/CSA Type 1, 3R, 4X, 12, 13 – indoor and outdoor use

Additional product information (links)

IL01502082Z (AWA3210-1960) Insulated small enclosures NA for North America	
IL01502082Z (AWA3210-1960) Insulated small enclosures NA for North America	ftp://ftp.moeller.net/DOCUMENTATION/AWA_INSTRUCTIONS/IL01502082Z2015_11.pdf