DATASHEET - CI-K5X-125-TS-NA

Insulated enclosure, HxWxD=280x200x125mm, +mounting rail, NA type

Part no. CI-K5X-125-TS-NA
Catalog No. 231226

EAT·N
Powering Business Worldwide™

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
Degree of Protection			Front IP65 IP65, with push-through cable entry
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	200
Height		mm	280
Depth		mm	125
Features			with DIN-rail
Mounting depth:		mm	93

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			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 Verification of resistance of insulating materials to abnormal heat and fire due to internal electric 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 Insulation properties			
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 7.0

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@ss10.0.1-27-37-13-01 [AKN343014])		
Material housing		Plastic
Width	mm	200
Height	mm	280
Depth	mm	125
With transparent cover		No
Suitable for emergency stop		No
Model		Surface mounting
Degree of protection (IP)		IP65
Degree of protection (NEMA)		13

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

Assets (links)

Declaration of CE Conformity
00002809

Instruction Leaflets
IL01502082Z2018_05

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/IL01502082Z2018_05.pdf

11/08/2019

Eaton Industries GmbH
http://www.eaton.eu
© 11/2019 by Eaton Industries GmbH
Eaton 231226 ED2019 V62.0 EN

2 / 2