DATASHEET - CI-PKZ01-NA-SVB-V



Insulated enclosure, for PKZ01 +VHI, +padlocking feature yellow, NA type

Powering Business Worldwide

CI-PKZ01-NA-SVB-V Part no. 281945 Catalog No. Alternate Catalog XTPBXENASLE65

Delivery program

Product range	Accessories
Subrange	Surface mounting enclosures
Accessories	Insulated enclosures for PKZ
	Can be locked in 0 position in combination with VHI-PKZ01
Degree of Protection	IP65
For use with	PKZM01 +NHI-E +U or A +L (2 off)
	North American design

Notes With integrated PE(N) terminal.

In each case 2 metric M25 cable entry knockouts top and bottom.

With thread and adapter for 1/2-inch screw connection.

2 metric M20 cable entry knockouts in the rear wall.

Hard mirror with cable entry knockouts which can be cut out.

Design verification as per IEC/EN 61439

Design verification as per IEG/EN 61439			
Technical data for design verification			
Rated operational current for specified heat dissipation	In	Α	0
Heat dissipation per pole, current-dependent	P _{vid}	W	0
Equipment heat dissipation, current-dependent	P _{vid}	W	0
Static heat dissipation, non-current-dependent	P _{vs}	W	0
Heat dissipation capacity	P _{diss}	W	10
Operating ambient temperature min.		°C	-25
Operating ambient temperature max.		°C	70
EC/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			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 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			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 7.0

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

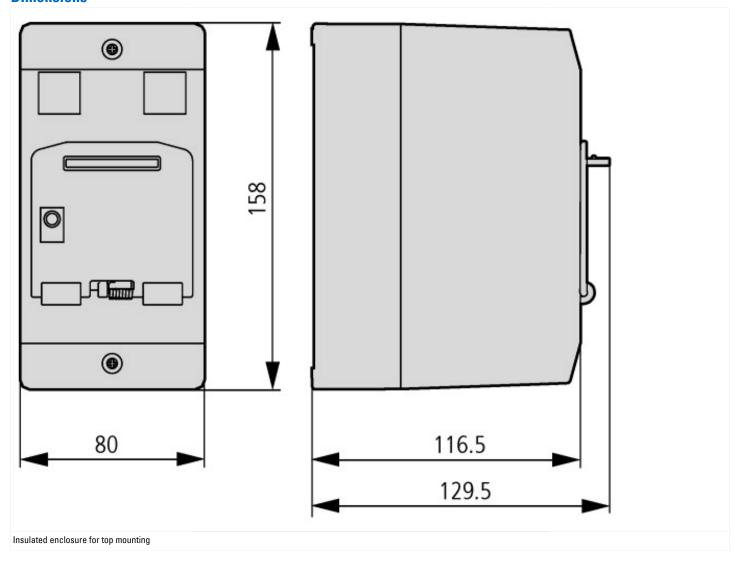
Electric engineering, automation, process control engineering / Low-voltage switch technology / Component for low-voltage switching technology / Empty housing for switch devices (ecl@ss10.0.1-27-37-13-01 [AKN343014])

(eci@ss10.0.1-27-37-13-01 [ANN343014])		
Material housing		Plastic
Width	mm	97
Height	mm	160
Depth	mm	80
With transparent cover		No
Suitable for emergency stop		Yes
Model		Surface mounting
Degree of protection (IP)		IP65
Degree of protection (NEMA)		Other

Approvals

Product Standards	UL 508; CSA-C22.2 No. 14; IEC60947-4-1; CE marking
UL File No.	E36332
UL Category Control No.	NLRV
CSA File No.	165628
CSA Class No.	3211-05
North America Certification	UL listed, CSA certified
Specially designed for North America	Yes
Degree of Protection	IEC: IP65, UL/CSA Type: -

Dimensions



Assets (links)

Declaration of CE Conformity

00002411

Instruction Leaflets

IL03407018Z2018_05

Additional product information (links)

IL03407018Z (AWA1210-2134) Housing for surface mounting and flush mounting for motor-protective circuit-breakers		
IL03407018Z (AWA1210-2134) Housing for surface mounting and flush mounting for motor-protective circuit-breakers	ftp://ftp.moeller.net/DOCUMENTATION/AWA_INSTRUCTIONS/IL03407018Z2020_02.pdf	
Motor starters and "Special Purpose Ratings" for the North American market	http://www.eaton.eu/ecm/groups/public/@pub/@europe/@electrical/documents/content/pct_3258146.pdf	
Busbar Component Adapters for modern Industrial control panels	http://www.moeller.net/binary/ver_techpapers/ver960en.pdf	