DATASHEET - B3.0/3-PKZ0



Three-phase commoning link, for 3 PKZ0



Part no. B3.0/3-PKZ0
Catalog No. 232289
Alternate Catalog XTPAXCLKA3

Nο

EL-Nummer 4315191

(Norway)

Delivery program

		and has hand
Product range		Accessories
Accessories		Three-phase commoning link
		Protected against accidental contact, short-circuit proof, $\rm U_e$ = 690 V, $\rm I_u$ = 63 A Can be extended by rotating by installation For PKZM0 or PKE12, PKE32 without side mounted auxiliary contacts or voltage releases
For use with		Three-phase commoning link PKZ0, PKE12, PKE32
Circuit-breaker	Number	3
Length	mm	135
Unit width	mm	45
Notes		

110103

For parallel power feed to several motor-protective circuit-breakers on terminals 1, 3, 5

Technical data

Main conducting paths

Rated impulse withstand voltage	U_{imp}	V AC	6000
Overvoltage category/pollution degree			III/3
Rated operational voltage	U _e	V AC	690
Rated uninterrupted current	I _u	Α	63

Design verification as per IEC/EN 61439

Design verification as per IEG/EN 01439			
Technical data for design verification			
Rated operational current for specified heat dissipation	In	Α	63
Heat dissipation per pole, current-dependent	P_{vid}	W	1.5
Equipment heat dissipation, current-dependent	P_{vid}	W	4.5
Static heat dissipation, non-current-dependent	P_{vs}	W	0
Heat dissipation capacity	P _{diss}	W	0
Operating ambient temperature min.		°C	-25
Operating ambient temperature max.		°C	55
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			Meets the product standard's requirements.
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) / Phase busbar (EC000215)

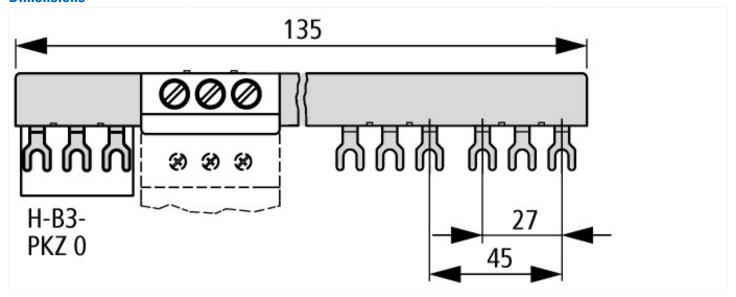
Electric engineering, automation, process control engineering / Low-voltage switch technology / Component for low-voltage switching technology / Phase busbar (ecl@ss10.0.1-27-37-13-06 [ACN992011])

Number of poles Suitable for number of devices Suitable for number of devices Suitable for number of devices mm 45 Cross section mm² 0 Length Number of modular spacings Number of modular spacings Rated permanent current lu A 63 Type of electric connection Type of electric connection Very of electric connecti	[ACN992011])		
Suitable for number of devices 3 Pitch dimensions mm 45 Cross section mm² 0 Length mm 135 Number of modular spacings 0 63 Rated permanent current lu A 63 Type of electric connection Evis Fork Insulated Yes Rated surge voltage kV 6 Conditioned rated short-circuit current lq kA 0 Max. rated operation voltage Ue V 690 Rated short-time withstand current lcw kA 0 Suitable for devices with N-busbar No No	Number of phases		3
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Lengthmm135Number of modular spacings0Rated permanent current luA63Type of electric connectionClevisType of electric connectionForkInsulatedYesRated surge voltagekV6Conditioned rated short-circuit current lqkA0Max. rated operation voltage UeV690Rated short-time withstand current lcwkA0Suitable for devices with N-busbarNoNo	Pitch dimensions	mm	45
Number of modular spacings Rated permanent current lu A 63 Type of electric connection Type of electric connection Fork Insulated Rated surge voltage Rodditioned rated short-circuit current Iq Max. rated operation voltage Ue Rated short-time withstand current Icw Suitable for devices with N-busbar Rodditional rated short-circuit current Icw No No No No No No No No No N	Cross section	mm²	0
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Rated short-time withstand current lcw kA 0 Suitable for devices with N-busbar No	Conditioned rated short-circuit current Iq	kA	0
Suitable for devices with N-busbar No	Max. rated operation voltage Ue	V	690
	Rated short-time withstand current lcw	kA	0
Suitable for devices with auxiliary switch No	Suitable for devices with N-busbar		No
	Suitable for devices with auxiliary switch		No

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.	98494
CSA Class No.	3211-06
North America Certification	UL listed, CSA certified
Specially designed for North America	No

Dimensions



Assets (links)

Declaration of CE Conformity

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