



Extension terminal, 3p, 25mm²

Part no. BK25/3-PKZ0-E
Catalog No. 262518
Eaton Catalog No. XTPAXLSA
EL-Nummer (Norway) 4315194

Delivery program

Product range		Accessories
Accessories		Incoming terminal
For use with		PKZM0
Notes		
Type E starters do not need an upstream protective device.		
For use in Canada, the PKZM0/PKZM4 must be fitted with an AK-PKZ0.		
Service factor (SF)		
Set value I _r on the current scale, depending on the load factor		
SF = 1.15 → I _r = 1 x I _{n mot}		
SF = 1 → I _r = 0.9 x I _{n mot}		
Notes		
For three-phase commoning link, protected against accidental contact, U _e = 690 V, I _u = 60 A		
For conductor cross-sections:		
2.5 - 25 mm ² stranded		
2.5 - 16 mm ² Flexible with ferrule		
AWG 14 - 6		
For surface-mounting type-E starters.		

Design verification as per IEC/EN 61439

Technical data for design verification			
Rated operational current for specified heat dissipation	I _n	A	63
Heat dissipation per pole, current-dependent	P _{vid}	W	1.8
Equipment heat dissipation, current-dependent	P _{vid}	W	5.4
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 6.0

Low-voltage industrial components (EG000017) / Busbar terminal (EC000001)		
Electric engineering, automation, process control engineering / Electrical installation, device / Clamp (not overhead line) / Switch board (ecl@ss8.1-27-14-11-46 [BAA025010])		
Busbar thickness	mm	0 - 0
Busbar width	mm	0 - 0
Suitable for		-
Width clamp	mm	45
Max. conductor cross section	mm ²	25
Max. rated operation current Ie	A	63
Suitable for round conductor connection		Yes
Suitable for sector conductor connection		No
Suitable for strip conductor connection		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		Yes
Suitable for		PKZM0/PKE, line terminal required for Type E/F applications

Dimensions

Overlapping mounting to extend the three-phase commoning link

Additional product information (links)

Motor starters and "Special Purpose Ratings" for the North American market	http://www.moeller.net/binary/ver_techpapers/ver953en.pdf
Busbar Component Adapters for modern Industrial control panels	http://www.moeller.net/binary/ver_techpapers/ver960en.pdf