



Extension terminal, 3p, 25mm²

Part no. BK25/3-PKZ0
Catalog No. 032720
Eaton Catalog No. XTPAXIT
EL-Nummer (Norway) 4357233

Delivery program

Product range		Accessories
Accessories		Incoming terminal
For use with		PKZM0 PKE
Notes		
For three-phase commoning link, protected against accidental contact, $U_e = 690\text{ V}$, $I_u = 63\text{ A}$		
For conductor cross-sections:		
2.5 - 25 mm ² stranded		
2.5 - 16 mm ² flexible with ferrules		
AWG 14 - 6, for use on terminals 1, 3, 5		

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) / Accessories for low-voltage switch technology (EC002498)

Electric engineering, automation, process control engineering / Low-voltage switch technology / Low-voltage switch technology (accessories) / Component for low-voltage switch technology (accessories) (ecl@ss8.1-27-37-92-01 [AKN570010])

Type of accessory

Connection clamp

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 No

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