

Extension terminal, 3p, 50mm<sup>2</sup>



Part no. **BK50/3-PKZ4-E**  
**272165**

<b>General specifications</b>		
Product name		Eaton Moeller® series PKZ Connection clamp
Part no.		BK50/3-PKZ4-E
EAN		4015082721657
Product Length/Depth		60 millimetre
Product height		63 millimetre
Product width		55 millimetre
Product weight		0.175 kilogram
Certifications		UL File No.: E36332 CSA-C22.2 No. 14 IEC/EN 60947-4-1 UL 508 CSA CE CSA File No.: 165628 CSA Class No.: 3211-06 UL UL Category Control No.: NLRV
Product Tradename		PKZ
Product Type		Accessory
Product Sub Type		Connection clamp
<b>General information</b>		
Overvoltage category		III
Pollution degree		3
Product category		Accessories
Suitable for		Round conductor connection PKZM0/PKE, line terminal required for Type E/F applications, (UL/CSA) Other
<b>Climatic environmental conditions</b>		
Ambient operating temperature - min		-25 °C
Ambient operating temperature - max		55 °C
<b>Electrical rating</b>		
Rated operational current (Ie) - max		128 A
<b>Design verification</b>		
Equipment heat dissipation, current-dependent Pvid		3 W
Heat dissipation capacity Pdis		0 W
Heat dissipation per pole, current-dependent Pvid		1 W
Rated operational current for specified heat dissipation (In)		120 A
Static heat dissipation, non-current-dependent Pvs		0 W
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 Resist. of insul. mat. to abnormal heat/fire by internal elect. 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.

10.9.2 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 9.0

Low-voltage industrial components (EG000017) / Busbar terminal (EC000001)

Electric engineering, automation, process control engineering / Terminal block systems and system components / Terminal block systems / Busbar terminal (ecl@ss13-27-25-01-16 [BAA025018])

Busbar thickness	mm	0 - 0
Busbar width	mm	0 - 0
Suitable for		Other
Width clamp	mm	45
Max. conductor cross section	mm <sup>2</sup>	50
Max. rated operation current I <sub>e</sub>	A	128
Suitable for round conductor connection		Yes
Suitable for sector conductor connection		No
Suitable for strip conductor connection		No