

Extension terminal, 3p, 25mm²

Part no. BK25/3-PKZ0-E
262518
EL Number 4315194
(Norway)

General specifications		
Product name		Eaton Moeller® series PKZ Connection clamp
Part no.		BK25/3-PKZ0-E
EAN		4015082625184
Product Length/Depth		34 millimetre
Product height		45 millimetre
Product width		45 millimetre
Product weight		0.047 kilogram
Certifications		CSA File No.: 98494 UL File No.: E36332 UL UL 508 CSA CSA Class No.: 3211-06 UL Category Control No.: NLRV CSA-C22.2 No. 14 CE IEC/EN 60947-4-1
Product Tradename		PKZ
Product Type		Accessory
Product Sub Type		Connection clamp
General information		
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
Climatic environmental conditions		
Ambient operating temperature - min		-25 °C
Ambient operating temperature - max		55 °C
Electrical rating		
Rated operational current (Ie) - max		63 A
Design verification		
Equipment heat dissipation, current-dependent P _{vid}		5.4 W
Heat dissipation capacity P _{diss}		0 W
Heat dissipation per pole, current-dependent P _{vid}		1.8 W
Rated operational current for specified heat dissipation (I _n)		63 A
Static heat dissipation, non-current-dependent P _{vs}		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		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.
10.9.2 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 8.0

Low-voltage industrial components (EG000017) / Busbar terminal (EC000001)		
Electric engineering, automation, process control engineering / Electrical installation, device / Terminal (not overhead line) / Switch board (ecl@ss10.0.1-27-14-11-46 [BAA025013])		
Busbar thickness	mm	0 - 0
Busbar width	mm	0 - 0
Suitable for		Other
Width clamp	mm	45
Max. conductor cross section	mm ²	25
Max. rated operation current I _e	A	63
Suitable for round conductor connection		Yes
Suitable for sector conductor connection		No
Suitable for strip conductor connection		No