DATASHEET - BK50/3-PKZ4-E

Extension terminal, 3p, 50mm²

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

Product name	Eaton Moeller® series PKZ Accessory 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
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
Ambient operating temperature - min	-25 °C
Ambient operating temperature - max	55 °C
Rated operational current (Ie) - max	128 A
Equipment heat dissipation, current-dependent Pvid	3 W
Heat dissipation capacity Pdiss	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 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	50
Max. rated operation current Ie	A	128
Suitable for round conductor connection		Yes
Suitable for sector conductor connection		No
Suitable for strip conductor connection		No

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