Specifications



Eaton 032720

Eaton Moeller® series PKZ Extension terminal, 3p, 25mm² BK25/3-PKZ0

General specifications	
PRODUCT NAME	Eaton Moeller® series PKZ Connection clamp
CATALOG NUMBER	032720
MODEL CODE	BK25/3-PKZ0
EAN	4015080327202
PRODUCT LENGTH/DEPTH	25 mm
PRODUCT HEIGHT	38 mm
PRODUCT WIDTH	45 mm
PRODUCT WEIGHT	0.041 kg
CERTIFICATIONS	CSA Class No.: 3211-05 UL CSA-C22.2 No. 14 CSA File No.: 165628 CSA CE UL 508 UL Category Control No.: NLRV UL File No.: E36332 IEC/EN 60947-4-1

Climatic environmental conditions

AMBIENT OPERATING TEMPERATURE - MAX	55 °C
AMBIENT OPERATING TEMPERATURE - MIN	-25 °C

Design verification

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.
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.
EQUIPMENT HEAT DISSIPATION, CURRENT-DEPENDENT PVID	5.4 W
HEAT DISSIPATION PER POLE, CURRENT-DEPENDENT PVID	1.8 W
RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)	63 A

Electrical rating

RATED OPERATIONAL CURRENT (IE) - MAX	63 A

General information

OVERVOLTAGE CATEGORY	III
POLLUTION DEGREE	3
PRODUCT CATEGORY	Accessories
SUITABLE FOR	Other Round conductor connection
USED WITH	PKZM0, PKE12, PKE32

Terminal capacities

TERMINAL CAPACITY (FLEXIBLE WITH FERRULE)	2.5 - 16 mm²
TIGHTENING TORQUE	2.5 Nm

Resources

BROCHURES	eaton-motor-protective-circuit-breaker-pke-and-communication-modul-pke-brochure-w12107613en-en-us.pdf eaton-motor-starters-system-xstart-brochure-br03407001en-en-us.pdf
CATALOGUES	eaton-product-overview-for-machinery-catalogue-ca08103003zen-en-us.pdf
DECLARATIONS OF CONFORMITY	eaton-accessory-declaration-of-conformity-uk251183en.pdf eaton-accessory-declaration-of-conformity-eu250700en.pdf
DRAWINGS	eaton-manual-motor-starters-terminals-pkz-connection-clamp-dimensions-002.eps eaton-manual-motor-starters-pkz-connection-clamp-dimensions-002.eps eaton-manual-motor-starters-terminals-pkz-connection-clamp-3d-drawing-002.eps
ECAD MODEL	eaton-pkz-connection-clamp-eplan-032720.edz

INSTALLATION VIDEOS	WIN-WIN with push-in technology Video Motor Protective Circuit Breaker PKE
MCAD MODEL	eaton-accessories-mcad-drawings-bk25-3-pkz0.dwg DA-CS-bk25_3_pkz0
SALES NOTES	eaton-pke-modbus-rtu-modul-flyer-fl034008en-en-us.pdf

PROJECT NAME:	
PROJECT NUMBER:	
PREPARED BY:	
DATE:	

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