

# Specifications



## Eaton 272165

Eaton Moeller® series PKZ Extension terminal, 3p, 50mm<sup>2</sup>

### General specifications

PRODUCT NAME	Eaton Moeller® series PKZ Connection clamp
CATALOG NUMBER	272165
MODEL CODE	BK50/3-PKZ4-E
EAN	4015082721657
PRODUCT LENGTH/DEPTH	60 mm
PRODUCT HEIGHT	63 mm
PRODUCT WIDTH	55 mm
PRODUCT WEIGHT	0.175 kg
CERTIFICATIONS	UL CSA Class No.: 3211-06 CSA CSA-C22.2 No. 14 UL 508 UL Category Control No.: NLRV CE CSA File No.: 165628 IEC/EN 60947-4-1 UL File No.: E36332
GLOBAL CATALOG	272165

## Product specifications

<b>10.10 TEMPERATURE RISE</b>	The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices.
<b>10.11 SHORT-CIRCUIT RATING</b>	Is the panel builder's responsibility. The specifications for the switchgear must be observed.
<b>10.12 ELECTROMAGNETIC COMPATIBILITY</b>	Is the panel builder's responsibility. The specifications for the switchgear must be observed.
<b>10.13 MECHANICAL FUNCTION</b>	The device meets the requirements, provided the information in the instruction leaflet (IL) is observed.
<b>10.2.2 CORROSION RESISTANCE</b>	Meets the product standard's requirements.
<b>10.2.3.1 VERIFICATION OF THERMAL STABILITY OF ENCLOSURES</b>	Meets the product standard's requirements.
<b>10.2.3.2 VERIFICATION OF RESISTANCE OF INSULATING MATERIALS TO NORMAL HEAT</b>	Meets the product standard's requirements.
<b>10.2.3.3 RESIST. OF INSUL. MAT. TO ABNORMAL HEAT/FIRE BY INTERNAL ELECT. EFFECTS</b>	Meets the product standard's requirements.
<b>10.2.4 RESISTANCE TO ULTRA-VIOLET (UV) RADIATION</b>	Please enquire
<b>10.2.5 LIFTING</b>	Does not apply, since the entire switchgear needs to be evaluated.
<b>10.2.6 MECHANICAL IMPACT</b>	Does not apply, since the entire switchgear needs to be evaluated.
<b>10.2.7 INSCRIPTIONS</b>	Meets the product standard's requirements.
<b>10.3 DEGREE OF PROTECTION OF ASSEMBLIES</b>	Does not apply, since the entire switchgear needs to be evaluated.

## Resources

<b>BROCHURES</b>	<a href="#">eaton-motor-starters-system-xstart-brochure-br03407001en-en-us.pdf</a> <a href="#">eaton-motor-protective-circuit-breaker-pke-and-communication-modul-pke-brochure-w12107613en-en-us.pdf</a>
<b>CATALOGS</b>	<a href="#">Product Range Catalog Switching and protecting motors</a> <a href="#">eaton-product-overview-for-machinery-catalogue-ca08103003zen-en-us.pdf</a>
<b>DECLARATIONS OF CONFORMITY</b>	<a href="#">DA-DC-00004960.pdf</a> <a href="#">DA-DC-00005002.pdf</a> <a href="#">DA-DC-00004953.pdf</a> <a href="#">DA-DC-00004545.pdf</a> <a href="#">DA-DC-00004961.pdf</a> <a href="#">DA-DC-00004952.pdf</a>
<b>DRAWINGS</b>	<a href="#">eaton-manual-motor-starters-pkz-connection-clamp-dimensions.eps</a> <a href="#">eaton-manual-motor-starters-pkz-connection-clamp-3d-drawing.eps</a>
<b>ECAD MODEL</b>	<a href="#">ETN.BK50_3-PKZ4-E</a>
<b>INSTALLATION VIDEOS</b>	<a href="#">WIN-WIN with push-in technology</a> <a href="#">Video Motor Protective Circuit Breaker PKE</a>
<b>MCAD MODEL</b>	<a href="#">bk50_3_pkz4_e</a> <a href="#">bk50_3_pkz4_e.stp</a>
<b>SALES NOTES</b>	<a href="#">eaton-pke-modbus-rtu-modul-flyer-fl034008en-en-us.pdf</a>

<b>10.4 CLEARANCES AND CREEPAGE DISTANCES</b>	Meets the product standard's requirements.
<b>10.5 PROTECTION AGAINST ELECTRIC SHOCK</b>	Does not apply, since the entire switchgear needs to be evaluated.
<b>10.6 INCORPORATION OF SWITCHING DEVICES AND COMPONENTS</b>	Does not apply, since the entire switchgear needs to be evaluated.
<b>10.7 INTERNAL ELECTRICAL CIRCUITS AND CONNECTIONS</b>	Is the panel builder's responsibility.
<b>10.8 CONNECTIONS FOR EXTERNAL CONDUCTORS</b>	Is the panel builder's responsibility.
<b>10.9.2 POWER-FREQUENCY ELECTRIC STRENGTH</b>	Is the panel builder's responsibility.
<b>10.9.3 IMPULSE WITHSTAND VOLTAGE</b>	Is the panel builder's responsibility.
<b>10.9.4 TESTING OF ENCLOSURES MADE OF INSULATING MATERIAL</b>	Is the panel builder's responsibility.
<b>POLLUTION DEGREE</b>	3
<b>RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)</b>	120 A
<b>STATIC HEAT DISSIPATION, NON-CURRENT-DEPENDENT PVS</b>	0 W
<b>WIDTH CLAMP</b>	45 mm
<b>PRODUCT CATEGORY</b>	Accessories
<b>AMBIENT OPERATING TEMPERATURE - MAX</b>	55 °C
<b>AMBIENT OPERATING TEMPERATURE - MIN</b>	-25 °C
<b>BUSBAR THICKNESS - MAX</b>	0 mm
<b>BUSBAR THICKNESS - MIN</b>	0 mm
<b>BUSBAR WIDTH - MAX</b>	0 mm
<b>BUSBAR WIDTH - MIN</b>	0 mm
<b>CONDUCTOR CROSS SECTION - MAX</b>	50 mm <sup>2</sup>
<b>EQUIPMENT HEAT DISSIPATION, CURRENT-DEPENDENT PVID</b>	3 W
<b>HEAT DISSIPATION CAPACITY PDISS</b>	0 W

HEAT DISSIPATION PER POLE, CURRENT- DEPENDENT PVID	1 W
RATED OPERATIONAL CURRENT (IE) - MAX	128 A
OVERVOLTAGE CATEGORY	III
SUITABLE FOR	Round conductor connection PKZM0/PKE, line terminal required for Type E/F applications, (UL/CSA) Other

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:
DATE:



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