

Specifications



Eaton 044948

Eaton Moeller® series B3 Three-phase busbar link, Circuit-breaker: 5, 261 mm, For PKZM0-... or PKE12, PKE32 without side mounted auxiliary contacts or voltage releases

General specifications

PRODUCT NAME	Eaton Moeller® series B3 Accessory Three-phase busbar link
CATALOG NUMBER	044948
MODEL CODE	B3.1/5-PKZ0
EAN	4015080449485
PRODUCT LENGTH/DEPTH	264 mm
PRODUCT HEIGHT	34 mm
PRODUCT WIDTH	11 mm
PRODUCT WEIGHT	0.109 kg
CERTIFICATIONS	CE CSA Class No.: 3211-06 CSA File No.: 98494 UL UL File No.: E36332 CSA CSA-C22.2 No. 14 IEC/EN 60947-4-1 UL 508 UL Category Control No.: NLRV
GLOBAL CATALOG	044948



Powering Business Worldwide

Product specifications

FEATURES	Insulated
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.

Resources

BROCHURES	eaton-motor-starters-system-xstart-brochure-br03407001en-en-us.pdf
CATALOGS	Product Range Catalog Switching and protecting motors 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-busbar-b3-accessory-dimensions-007.eps eaton-manual-motor-starters-busbar-b3-accessory-3d-drawing-007.eps
ECAD MODEL	DA-CE-ETN.B3.1_5-PKZ0
INSTALLATION INSTRUCTIONS	eaton-manual-motor-starters-b3-0-1-bk25-three-phase-commoning-link-instruction-leaflet-il122027zu.pdf
INSTALLATION VIDEOS	WIN-WIN with push-in technology
MCAD MODEL	DA-CD-b3_1_5_pkz0 DA-CS-b3_1_5_pkz0
SALES NOTES	eaton-link-module-for-motor-starters-pkz-flyer-fl034003en-en-us.pdf

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.
ELECTRIC CONNECTION TYPE	Fork
POLLUTION DEGREE	3
RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)	63 A
RATED OPERATIONAL VOLTAGE (UE) AT AC - MAX	690 V
RATED SURGE VOLTAGE	6 kV
RATED UNINTERRUPTED CURRENT (IU)	63 A
STATIC HEAT DISSIPATION, NON-CURRENT-DEPENDENT PVS	0 W
SUITABLE FOR NUMBER OF DEVICES	5
PRODUCT CATEGORY	Accessories
NUMBER OF POLES	Three-pole
COLOR	Black
RATED IMPULSE WITHSTAND VOLTAGE (UIMP)	6000 V AC
RATED SHORT-TIME WITHSTAND CURRENT (ICW)	0 kA
AMBIENT OPERATING TEMPERATURE - MAX	55 °C
AMBIENT OPERATING TEMPERATURE - MIN	-25 °C
CROSS SECTION	0 mm ²

EQUIPMENT HEAT DISSIPATION, CURRENT-DEPENDENT PVID	8.4 W
HEAT DISSIPATION CAPACITY PDISS	0 W
HEAT DISSIPATION PER POLE, CURRENT-DEPENDENT PVID	2.8 W
NUMBER OF MODULAR SPACINGS	14.5
NUMBER OF PHASES	3
PITCH DIMENSIONS	54 mm
RATED OPERATIONAL VOLTAGE (UE) - MAX	690 V
RATED CONDITIONAL SHORT-CIRCUIT CURRENT (IQ)	0 kA
FUNCTIONS	Can be extended by rotating installation
OVERVOLTAGE CATEGORY	III
SUITABLE FOR	5 Circuit-breakers
MOUNTING WIDTH	45 + 9 mm

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:
DATE:



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