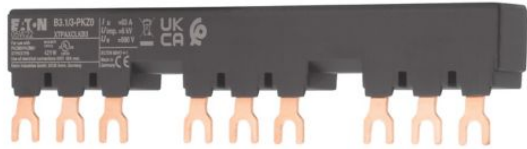
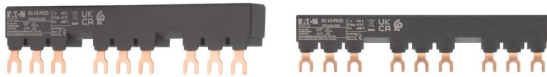


Specifications

Eaton 044946



Eaton Moeller® series B3 Three-phase busbar link, Circuit-breaker: 3, 153 mm, For PKZM0-... or PKE12, PKE32 with side mounted auxiliary contact



General specifications

PRODUCT NAME	Eaton Moeller® series B3 Accessory Three-phase busbar link
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CATALOG NUMBER	044946
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MODEL CODE	B3.1/3-PKZ0
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EAN	4015080449461
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PRODUCT LENGTH/DEPTH	155 mm
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PRODUCT HEIGHT	34 mm
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PRODUCT WIDTH	11 mm
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PRODUCT WEIGHT	0.064 kg
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CERTIFICATIONS	CSA File No.: 98494 UL CSA CE UL Category Control No.: NLRV CSA-C22.2 No. 14 CSA Class No.: 3211-06 IEC/EN 60947-4-1 UL 508 UL File No.: E36332
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CATALOG NOTES	• For parallel power feed to several motor-protective circuit-breakers on terminals 1, 3, 5 • 3 circuit breaker with auxiliary contact or trip indicator built onto the right side • can be extended by rotating installation • protective against direct contact
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Climatic environmental conditions

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

Design verification

RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)	63 A
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STATIC HEAT DISSIPATION, NON-CURRENT-DEPENDENT PVS	0 W
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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	5.1 W
HEAT DISSIPATION CAPACITY PDISS	0 W
HEAT DISSIPATION PER POLE, CURRENT-DEPENDENT PVID	1.7 W

Electrical rating	
RATED OPERATIONAL VOLTAGE (UE) - MAX	690 V
RATED OPERATIONAL VOLTAGE (UE) AT AC - MAX	690 V
RATED UNINTERRUPTED CURRENT (IU)	63 A

Features & functions	
COLOR	Black
FEATURES	Insulated
FUNCTIONS	Can be extended by rotating installation
NUMBER OF POLES	Three-pole
NUMBER OF PHASES	3

General information

ELECTRIC CONNECTION TYPE	Fork
MOUNTING WIDTH	45 + 9 mm
OVERVOLTAGE CATEGORY	III
POLLUTION DEGREE	3
PRODUCT CATEGORY	Accessories
RATED IMPULSE WITHSTAND VOLTAGE (UIMP)	6000 V AC
SUITABLE FOR	3 Circuit-breakers

Resources

BROCHURES	eaton-push-in-technology-product-overview-brochure-br034012-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-busbar-b3-accessory-dimensions-009.eps eaton-manual-motor-starters-busbar-b3-accessory-3d-drawing-005.eps
ECAD MODEL	DA-CE-ETN.B3.1_3-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	eaton-busbar-mcad-drawings-b3-1-3-pkz0.dwg DA-CS-b3_1_3_pkz0
SALES NOTES	eaton-link-module-for-motor-starters-pkz-flyer-fl034003en-en-us.pdf

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:
DATE:



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