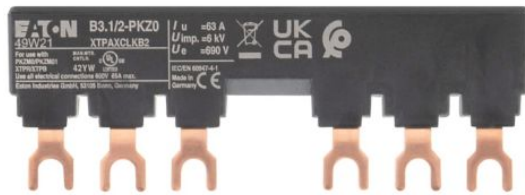
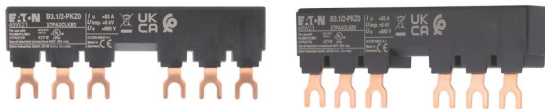


Specifications

Eaton 044945



Eaton Moeller® series B3 Three-phase busbar link, Circuit-breaker: 2, 99 mm, For PKZM0-... or PKE12, PKE32 with side mounted auxiliary contact



General specifications

PRODUCT NAME Eaton Moeller® series B3 Accessory Three-phase busbar link

CATALOG NUMBER 044945

MODEL CODE B3.1/2-PKZ0

EAN 4015080449454

PRODUCT LENGTH/DEPTH 99 mm

PRODUCT HEIGHT 34 mm

PRODUCT WIDTH 12 mm

PRODUCT WEIGHT 0.038 kg

CERTIFICATIONS UL 508
UL File No.: E36332
IEC/EN 60947-4-1
CSA-C22.2 No. 14
CSA
CSA Class No.: 3211-06
CSA File No.: 98494
UL
UL Category Control No.: NLRV
CE

CATALOG NOTES

- For parallel power feed to several motor-protective circuit-breakers on terminals 1, 3, 5
- 2 circuit breaker with auxiliary contact or trip indicator built onto the right side
- can be extended by rotating installation
- protective against direct contact

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

STATIC HEAT DISSIPATION, NON-CURRENT-DEPENDENT PVS 0 W

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	3.3 W
HEAT DISSIPATION CAPACITY PDISS	0 W
HEAT DISSIPATION PER POLE, CURRENT-DEPENDENT PVID	1.1 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	2 Circuit-breakers
USED WITH	PKZ0 PKE12 PKE32

Resources

BROCHURES	eaton-push-in-technology-product-overview-brochure-br034012-en-us.pdf eaton-motor-starters-system-xstart-brochure-br03407001en-en-us.pdf
CATALOGUES	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-010.eps eaton-manual-motor-starters-busbar-b3-accessory-3d-drawing-004.eps
ECAD MODEL	DA-CE-ETN.B3.1_2-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-b3-1-2-pkz0.dwg DA-CS-b3_1_2_pkz0
SALES NOTES	eaton-link-module-for-motor-starters-pkz-flyer-fl034003en-en-us.pdf

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:
DATE:



Eaton Corporation plc Eaton House
30 Pembroke Road
Dublin 4, Ireland
Eaton.com

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