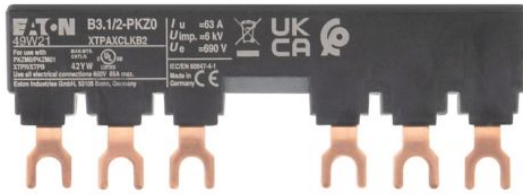
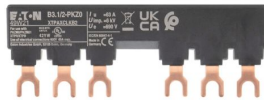


# Specifications

## Eaton 044945



Eaton Moeller® series B3 Three-phase busbar link, Circuit-breaker: 2, 99 mm, For PKZM0-... or PKE12, PKE32 without side mounted auxiliary contacts or voltage releases



### General specifications

<b>PRODUCT NAME</b>	Eaton Moeller® series B3 Accessory Three-phase busbar link
<b>CATALOG NUMBER</b>	044945
<b>MODEL CODE</b>	B3.1/2-PKZ0
<b>EAN</b>	4015080449454
<b>PRODUCT LENGTH/DEPTH</b>	99 mm
<b>PRODUCT HEIGHT</b>	34 mm
<b>PRODUCT WIDTH</b>	12 mm
<b>PRODUCT WEIGHT</b>	0.038 kg
<b>CERTIFICATIONS</b>	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
<b>CATALOG NOTES</b>	For parallel power feed to several motor-protective circuit-breakers on terminals 1, 3, 5

## Features & Functions

<b>COLOR</b>	Black
<b>FEATURES</b>	Insulated
<b>FUNCTIONS</b>	Can be extended by rotating installation
<b>NUMBER OF PHASES</b>	3
<b>NUMBER OF POLES</b>	Three-pole

## Climatic environmental conditions

<b>AMBIENT OPERATING TEMPERATURE - MIN</b>	-25 °C
<b>AMBIENT OPERATING TEMPERATURE - MAX</b>	55 °C

## Short-circuit rating

<b>RATED CONDITIONAL SHORT-CIRCUIT CURRENT (IQ)</b>	0 kA
<b>RATED SHORT-TIME WITHSTAND CURRENT (ICW)</b>	0 kA

## General

<b>MOUNTING WIDTH</b>	45 + 9 mm
<b>OVERVOLTAGE CATEGORY</b>	III
<b>POLLUTION DEGREE</b>	3
<b>PRODUCT CATEGORY</b>	Accessories
<b>RATED IMPULSE WITHSTAND VOLTAGE (UIMP)</b>	6000 V AC
<b>SUITABLE FOR</b>	2 Circuit-breakers
<b>USED WITH</b>	PKZ0 PKE12 PKE32

## Electrical rating

<b>RATED OPERATIONAL VOLTAGE (UE) - MAX</b>	690 V
<b>RATED OPERATIONAL VOLTAGE (UE) AT AC - MAX</b>	690 V
<b>RATED UNINTERRUPTED CURRENT (IU)</b>	63 A

## Design verification

<b>EQUIPMENT HEAT DISSIPATION, CURRENT-DEPENDENT PVID</b>	3.3 W
<b>HEAT DISSIPATION CAPACITY PDISS</b>	0 W
<b>HEAT DISSIPATION PER POLE, CURRENT-DEPENDENT PVID</b>	1.1 W
<b>RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)</b>	63 A
<b>STATIC HEAT DISSIPATION, NON-CURRENT-DEPENDENT PVS</b>	0 W
<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>	Meets the product standard's requirements.
<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.
<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>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.

## Resources

BROCHURES	<a href="#">eaton-motor-starters-system-xstart-brochure-br03407001en-en-us.pdf</a>
CATALOGUES	<a href="#">Product Range Catalog Switching and protecting motors</a> <a href="#">eaton-product-overview-for-machinery-catalogue-ca08103003zen-en-us.pdf</a>
DECLARATIONS OF CONFORMITY	<a href="#">eaton-accessory-declaration-of-conformity-eu250700en.pdf</a> <a href="#">eaton-accessory-declaration-of-conformity-uk251183en.pdf</a>
DRAWINGS	<a href="#">eaton-manual-motor-starters-busbar-b3-accessory-dimensions-010.eps</a> <a href="#">eaton-manual-motor-starters-busbar-b3-accessory-3d-drawing-004.eps</a>
ECAD MODEL	<a href="#">DA-CE-ETN.B3.1_2-PKZ0</a>
INSTALLATION INSTRUCTIONS	<a href="#">eaton-manual-motor-starters-b3-0-1-bk25-three-phase-commoning-link-instruction-leaflet-il122027zu.pdf</a>
INSTALLATION VIDEOS	<a href="#">WIN-WIN with push-in technology</a>
MCAD MODEL	<a href="#">DA-CD-b3_1_2_pkz0</a> <a href="#">DA-CS-b3_1_2_pkz0</a>
SALES NOTES	<a href="#">eaton-link-module-for-motor-starters-pkz-flyer-fl034003en-en-us.pdf</a>

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:
DATE:



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

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