

Specifications

Eaton 063959



Eaton Moeller® series B3 Three-phase busbar link, Circuit-breaker: 4, 234 mm, For PKZM0-... or PKE12, PKE32 with 2 side mounted auxiliary contacts or 1 voltage release

General specifications

PRODUCT NAME	Eaton Moeller® series B3 Accessory Three-phase busbar link
CATALOG NUMBER	063959
MODEL CODE	B3.2/4-PKZ0
EAN	4015080639596
PRODUCT LENGTH/DEPTH	235 mm
PRODUCT HEIGHT	34 mm
PRODUCT WIDTH	11 mm
PRODUCT WEIGHT	0.097 kg
CERTIFICATIONS	CSA Class No.: 3211-06 CSA CSA File No.: 98494 IEC/EN 60947-4-1 CE UL Category Control No.: NLRV CSA-C22.2 No. 14 UL UL 508 UL File No.: E36332
CATALOG NOTES	• For parallel power feed to several motor-protective circuit-breakers on terminals 1, 3, 5 • 4 circuit breaker with auxiliary contact or trip indicator built onto the right side or a voltage release built onto the left side • can be extended by

Climatic environmental conditions

**AMBIENT OPERATING
TEMPERATURE - MAX** 55 °C

**AMBIENT OPERATING
TEMPERATURE - MIN** -25 °C

- rotating installation
- protective against direct contact

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	7.5 W
HEAT DISSIPATION CAPACITY PDISS	0 W
HEAT DISSIPATION PER POLE, CURRENT-DEPENDENT PVID	2.5 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 + 18 mm
OVERVOLTAGE CATEGORY	III
POLLUTION DEGREE	3
PRODUCT CATEGORY	Accessories
RATED IMPULSE WITHSTAND VOLTAGE (UIMP)	6000 V AC
SUITABLE FOR	4 Circuit-breakers
USED WITH	PKZ0 PKE12 PKE32

Resources

BROCHURES	eaton-motor-starters-system-xstart-brochure-br03407001en-en-us.pdf eaton-push-in-technology-product-overview-brochure-br034012-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-011.eps eaton-manual-motor-starters-busbar-b3-accessory-3d-drawing-005.eps
ECAD MODEL	DA-CE-ETN.B3.2_4-PKZ0
INSTALLATION VIDEOS	WIN-WIN with push-in technology
MCAD MODEL	eaton-busbar-mcad-drawings-b3-2-4-pkz0.dwg DA-CS-b3 2 4 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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