DATASHEET - B3.2/4-PKZ0



Three-phase busbar link, Circuit-breaker: 4, 234 mm, For PKZM0-... or PKE12, PKE32 without side mounted auxiliary contacts or voltage releases

Part no.	**B3.2/4-PKZ0**
	063959
EL Number (Norway)	**4357211**

General specifications

Product name	Eaton Moeller® series B3 Accessory Three-phase busbar link
Part no.	B3.2/4-PKZ0
EAN	4015080639596
Product Length/Depth	235 millimetre
Product height	34 millimetre
Product width	11 millimetre
Product weight	0.097 kilogram
Certifications	UL Category Control No.: NLRV UL File No.: E36332 IEC/EN 60947-4-1 CSA Class No.: 3211-06 CE CSA-C22.2 No. 14 UL CSA File No.: 98494 UL 508 CSA
Product Tradename	B3
Product Type	Accessory
Product Sub Type	Three-phase busbar link
Catalog Notes	For parallel power feed to several motor-protective circuit-breakers on terminals 1, 3, 5

Features & Functions

Color	Black
Features	Insulated
Functions	Can be extended by rotating installation
Number of phases	3
Number of poles	Three-pole

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	PKE32 PKE12 PKZ0

Climatic environmental conditions

Ambient operating temperature - min	-25 °C
Ambient operating temperature - max	55 °C

Electrical rating

Rated operational voltage (Ue) - max	690 V
Rated operational voltage (Ue) at AC - max	690 V
Rated uninterrupted current (Iu)	63 A

Short-circuit rating

Rated conditional short-circuit current (Iq)	0 kA
Rated short-time withstand current (Icw)	0 kA

Design verification

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
Rated operational current for specified heat dissipation (In)		63 A
Static heat dissipation, non-current-dependent Pvs		0 W
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.
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.

Technical data ETIM 9.0

Low-voltage industrial components (EG000017) / Phase busbar (EC000215)

Electric engineering, automation, process control engineering / Low-voltage switch technology / Component for low-voltage switching technology / Phase busbar (ecl@ss13-27-37-13-06 [ACN992016])

Number of phases		3
Number of poles		3
Suitable for number of devices		4
Module width	mm	63
Cross section	mm^2	0
Length	mm	235
Can be cut to size		No
Width in number of modular spacings		13
Rated permanent current Iu	A	63
Type of electric connection		Fork
Insulated		Yes
Rated surge voltage	kV	6
Conditioned rated short-circuit current Iq	kA	0
Max. rated operation voltage Ue	V	690
Rated short-time withstand current Icw	kA	0
Suitable for devices with N-conductor		No
Suitable for devices with auxiliary switch		No
Colour		Black

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