Three-phase busbar link, Circuit-breaker: 4, 220 mm



Part no. B3.0/4-PKZ4 220222

General specifications	
Product name	Eaton Moeller® series B3 Accessory Three-phase busbar link
Part no.	B3.0/4-PKZ4
EAN	4015082202224
Product Length/Depth	205 millimetre
Product height	36 millimetre
Product width	33 millimetre
Product weight	0.322 kilogram
Certifications	UL 508 CSA Class No.: 3211-06 CSA File No.: 165628 UL CSA IEC/EN 60947-4-1 CSA-C22.2 No. 14 CE UL Category Control No.: NLRV UL File No.: E36332
Product Tradename	B3
Product Type	Accessory
Product Sub Type	Three-phase busbar link
Features & Functions	
Color	Black
Electric connection type	Pin
Features	Insulated
Number of phases	3
Number of poles	Three-pole
General information	
Mounting width	55 mm
Overvoltage category	III
Pollution degree	3
Product category	Accessories
Rated impulse withstand voltage (Uimp)	6000 V AC
Suitable for	4 Circuit-breakers
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)	128 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	9.6 W
Heat dissipation capacity Pdiss	0 W
Heat dissipation per pole, current-dependent Pvid	3.2 W
Rated operational current for specified heat dissipation (In)	128 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 observed.
10.12 Electromagnetic compatibility	Is the panel builder's responsibility. The specifications for the switchgear must 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 poles Suitable for number of devices Module width Module width Cross section Insulated Rated spermanent current lu Rated surge voltage Conditioned rated short-circuit current lq Max. rated operation voltage Ue Rated short-time withstand current Icv Suitable for devices with N-conductor Suitable for devices with N-conductor Suitable for devices with auxiliary switch Module width Mmm Sistable for devices with N-conductor Suitable for devices with auxiliary switch Module width Mmm Sistable for devices with N-conductor Suitable for devices with auxiliary switch Max. rated operation voltage We Suitable for devices with N-conductor Suitable for devices with N-conductor Suitable for devices with auxiliary switch Module width Mmm Sistable for devices with A-conductor Suitable for devices with auxiliary switch Module width Mmm Sistable for devices with N-conductor Suitable for devices with auxiliary switch Module width Mmm Sistable for devices with N-conductor Suitable for devices with auxiliary switch Module width Mmm Sistable for devices with N-conductor Suitable for devices with A-conductor Suitable for devices with auxiliary switch Module width Mmm Sistable for devices with N-conductor Suitable for devices with auxiliary switch Module width Mmm Sistable for devices with A-conductor Suitable for devices with N-conductor Suitable for devices with N-conductor Suitable for devices with A-conductor Suitable for devices with N-conductor Suitable for devices with N-conductor Suitable for devices with A-conductor Suitable for devices with N-conductor Suitable for devices with A-conductor Suitable for devices with N-conductor Suitable for devices with N-conductor Suitable for devices with A-conductor Suitabl	[ACN992016])		
Suitable for number of devices 4 Module width mm 55 Cross section mm² 0 Length 0 205 Can be cut to size No 12.22 Width in number of modular spacings 12.22 22 Rated permanent current lu A 128 Type of electric connection Pin Yes Insulated VS 6 Rated surge voltage kV 6 Conditioned rated short-circuit current lq kA 0 Max. rated operation voltage Ue KA 0 Rated short-time withstand current lcw kA 0 Suitable for devices with N-conductor KA 0 Suitable for devices with N-conductor No No	Number of phases		3
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Can be cut to size Width in number of modular spacings Rated permanent current lu A 128 Type of electric connection Insulated Rated surge voltage KvV 6 Conditioned rated short-circuit current lq Max. rated operation voltage Ue Rated short-time withstand current lcw Suitable for devices with N-conductor Suitable for devices with auxiliary switch No No No No No No No No No N	Cross section	mm²	0
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Rated short-time withstand current low kA 0 Suitable for devices with N-conductor No Suitable for devices with auxiliary switch No	Conditioned rated short-circuit current Iq	kA	0
Suitable for devices with N-conductor Suitable for devices with auxiliary switch No	Max. rated operation voltage Ue	V	690
Suitable for devices with auxiliary switch No	Rated short-time withstand current lcw	kA	0
	Suitable for devices with N-conductor		No
Colour Black	Suitable for devices with auxiliary switch		No
	Colour		Black