

Three-phase busbar link, Circuit-breaker: 2, 110 mm



Part no. B3.0/2-PKZ4
220220

General specifications		
Product name		Eaton Moeller® series B3 Accessory Three-phase busbar link
Part no.		B3.0/2-PKZ4
EAN		4015082202200
Product Length/Depth		98 millimetre
Product height		36 millimetre
Product width		33 millimetre
Product weight		0.128 kilogram
Certifications		UL CE UL Category Control No.: NLRV UL 508 UL File No.: E36332 CSA Class No.: 3211-06 CSA CSA File No.: 165628 IEC/EN 60947-4-1 CSA-C22.2 No. 14
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		2 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		5.7 W
Heat dissipation capacity Pdis		0 W
Heat dissipation per pole, current-dependent Pvid		1.9 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 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 (ecI@ss13-27-37-13-06 [ACN992016])			
Number of phases			3
Number of poles			3
Suitable for number of devices			2
Module width		mm	55
Cross section		mm ²	0
Length		mm	98
Can be cut to size			No
Width in number of modular spacings			6.11
Rated permanent current I _u		A	128
Type of electric connection			Pin
Insulated			Yes
Rated surge voltage		kV	6
Conditioned rated short-circuit current I _q		kA	0
Max. rated operation voltage U _e		V	690
Rated short-time withstand current I _{cw}		kA	0
Suitable for devices with N-conductor			No
Suitable for devices with auxiliary switch			No
Colour			Black