DATASHEET - B3.1/4-PKZ4

Three-phase busbar link, Circuit-breaker: 4, 247 mm

Part no. B3.1/4-PKZ4
220225

Product name	Eaton Moeller® series B3 Accessory Three-phase busbar link
Part no.	B3.1/4-PKZ4
EAN	4015082202255
Product Length/Depth	232 millimetre
Product height	36 millimetre
Product width	33 millimetre
Product weight	0.363 kilogram
Certifications	CSA File No.: 165628 CSA Class No.: 3211-06 UL CE IEC/EN 60947-4-1 UL Category Control No.: NLRV UL 508 CSA CSA-C22.2 No. 14 UL File No.: E36332
Product Tradename	B3
Product Type	Accessory
Product Sub Type	Three-phase busbar link
Color	Black
Electric connection type	Pin
Features	Insulated
Number of phases	3
Number of poles	Three-pole
Mounting width	55 + 9 mm
Overvoltage category	III
Pollution degree	3
Product category	Accessories
Rated impulse withstand voltage (Uimp)	6000 V AC
Suitable for	4 Circuit-breakers
Ambient operating temperature - min	-25 °C
Ambient operating temperature - max	55 °C
Rated operational voltage (Ue) - max	690 V
Rated operational voltage (Ue) at AC - max	690 V
Rated uninterrupted current (Iu)	128 A
Rated conditional short-circuit current (Iq)	0 kA
Rated short-time withstand current (Icw)	0 kA
Equipment heat dissipation, current-dependent Pvid	10.5 W
Heat dissipation capacity Pdiss	0 W
Heat dissipation per pole, current-dependent Pvid	3.5 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 8.0

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@ss10.0.1-27-37-13-06 [ACN992011])

Number of phases			3
Number of poles			3
Suitable for number of devices			4
Module width		mm	64
Cross section		mm^2	0
Length		mm	232
Width in number of modular spacings			13.72
Rated permanent current Iu		A	128
Type of electric connection			Pin
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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