DATASHEET - BBA0-32/2TS-C

Busbar adapter, 45 mm, 32 A, DIN rail: 2

Part no.	BBA0-32/2TS-C
Catalog No.	116708
Alternate Catalog No.	BBA0-32-2TS-C

Delivery program

Accessories			Busbar adapters
			Approved to UL 508 For fitting to flat Cu-busbars with 60 mm between busbar centres, suitable for 5 mm and 10 mm busbar thickness Rated operational current 32 A Can be used universally
Connection technique			Spring-loaded terminals
For use with			Busbar adapter PKZ0, PKE
Rated operational voltage	U_e	V	690
Rated operational current	I_e	A	32
Terminal capacity			AWG 10 (6 mm²)
Adapter width		mm	45
Adapter length		mm	200
DIN rail		Quantity	2
Adapter width		mm	45
For use with			PKZM0, PKE + DILM…

Design verification as per IEC/EN 61439

Technical data for design verification			
Rated operational current for specified heat dissipation	I_n	A	32
Heat dissipation per pole, current-dependent	P_{vid}	W	0
Equipment heat dissipation, current-dependent	P_{vid}	W	2.4
Static heat dissipation, non-current-dependent	P_{vs}	W	0
Heat dissipation capacity	P_{diss}	W	0
Operating ambient temperature min.		°C	-25
Operating ambient temperature max.		°C	55
IEC/EN 61439 design verification			
10.2 Strength of materials and parts			
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 Verification of resistance of insulating materials to abnormal heat and fire due to internal electric 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 Insulation properties			
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) / Busbar adapter (EC001531)			
Electric engineering, automation, process control engineering / Low-voltage switch technology / Busbar trunking system (LV circuitry) / Busbar adapter (low-voltage switching technology) (ecl@ss10.0.1-27-37-03-04 [ACN951011])			
Mounting rail armament			2 mounting rails
Type of electric connection			Spring clamp connection
Rated current In	A		32
Min. busbar thickness	mm		5
Max. busbar thickness	mm		10
Width of the adapter	mm		45
Rail width	mm		35
Busbar distance	mm		60