DATASHEET - BBA-XSM

Corner protection, for busbar adapters, WxH=9x200mm



Part no. BBA-XSM Catalog No. 101484 Alternate Catalog BBA-XSM No. EL-Nummer 2465059 (Norway)



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 without electrical contact Side mounted module can be attached on both sides
Adapter width	mm	9
Adapter length	mm	200
Adapter width	mm	9
For use with		BBA
Nates Can be around an the bushes adoptor to autond mounting width		

Notes Can be grouped on the busbar adapter to extend mounting width.

Design verification as per IEC/EN 61439

A ated operational current for specified heat dissipationInARated operational current-dependentPvidWo0Heat dissipation, current-dependentPvidWo0Static heat dissipation, non-current-dependentPvsWo0Heat dissipation capacityPdissWo0Operating ambient temperature min.Co25Operating ambient temperature max.CoStatic heat				
Head dissipation per pole, current-dependentPvidWeEquipment heat dissipation, ourrent-dependentPvidWe0Static heat dissipation, non-current-dependentPvisWe0Heat dissipation capacityPdissWe0Operating ambient temperature min.PdissC-25Operating ambient temperature max.C510.2 Strength of materials and partsC510.2 Strength of materials and partsMest she product standard's requirements.10.2.3 L'orification of tresistance of insulating materials to normal heatMest she product standard's requirements.10.2.3 L'orification of tresistance of insulating materials to normal heatMest she product standard's requirements.10.2.3 L'orification of tresistance of insulating materials to normal heatMest she product standard's requirements.10.2.3 L'itringMest she product standard's requirements.10.2.4 Resistance to ultra-violet (UV) radiationMest she product standard's requirements.10.2.5 LiftingDoes not apply, since the entire switchgear needs to be evaluated.10.2.5 LiftingDoes not apply, since the entire switchgear needs to be evaluated.10.3.Degree of protection of ASSEMBLIESDoes not apply, since the entire switchgear needs to be evaluated.10.4 Clearances and creepage distancesMest sthe product standard's requirements.10.5. Protection against electric shockMest sthe product standard's requirements.10.3. Degree of protection of ASSEMBLIESDoes not apply, since the entire switchgear needs to be evaluated.10.5. Protecti	Technical data for design verification			
Equipment heat dissipation, current-dependentPvidWStatic heat dissipation, non-current-dependentPvsW0Heat dissipation, non-current-dependentPvsW0Operating ambient temperature min.°C25Operating ambient temperature max.°C5EC/EN 61439 design verification°C510.2 Strength of materials and partsMeters the product standard's requirements.10.2.2 Corrosion resistanceMeters the product standard's requirements.10.2.3.1 Verification of thermal stability of enclosuresMeters the product standard's requirements.10.2.3.2 Verification of resistance of insulating materials to abnormal heatMeters the product standard's requirements.10.2.3.2 Verification of resistance of insulating materials to abnormal heatMeters the product standard's requirements.10.2.4 Resistance to ultra-violet (UV) radiationMeters the product standard's requirements.10.2.5 LiftingDoes not apply, since the entire switchgear needs to be evaluated.10.3.Degree of protection of ASSEMBLIESDoes not apply, since the entire switchgear needs to be evaluated.10.4 Clearances and creepage distancesMeters the product standard's requirements.10.5.Protection against electric shockNeets the product standard's requirements.	Rated operational current for specified heat dissipation	I _n	A	0
Static heat dissipation, non-current-dependent Pos Wa O Heat dissipation capacity Pdiss Wa 0 Operating ambient temperature min. °C -25 Operating ambient temperature max. °C 5 EC/EN 61439 design verification Fees Meets the product standard's requirements. 10.2.5 Urrification of thermal stability of enclosures Meets the product standard's requirements. 10.2.3.1 Verification of resistance of insulating materials to normal heat and fire due to internal electric effects Meets the product standard's requirements. 10.2.3.1 Verification of resistance of insulating materials to abnormal heat and fire due to internal electric effects Meets the product standard's requirements. 10.2.3.1 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. Urificitions Dees not apply, since the entire switchgear needs to be evaluated. 10.2.7. Inscriptions Meets the product standard's requirements. 10.3.0 Begree of protection of ASSEMBLIES Dees not apply, since the entire switchgear needs to be evaluated. 10.4. Clearances and cre	Heat dissipation per pole, current-dependent	P _{vid}	W	0
Heat dissipation capacity Pdiss W Operating ambient temperature min. °C -25 Operating ambient temperature max. °C 5 EEVEN 61439 design verification Mets the product standard's requirements. Mets the product standard's requirements. 10.2.2 Corrosion resistance Mets the product standard's requirements. Mets the product standard's requirements. 10.2.3.1 Verification of thermal stability of enclosures Mets the product standard's requirements. Mets the product standard's requirements. 10.2.3.2 Verification of resistance of insulating materials to normal heat Mets the product standard's requirements. Mets the product standard's requirements. 10.2.4 Resistance to ultra-violet (UV) radiation Mets the product standard's requirements. Des not apply, since the entire switchgear needs to be evaluated. 10.2.5 Lifting Des not apply, since the entire switchgear needs to be evaluated. Des not apply, since the entire switchgear needs to be evaluated. 10.3.Degree of protection of ASSEMBLIES Des not apply, since the entire switchgear needs to be evaluated. Des not apply, since the entire switchgear needs to be evaluated. 10.4 Clearances and creepage distances Mets the product standard's requirements. Des not apply, since the entire switchgear needs to be evaluated. 10.4 Clearances and creepage distances	Equipment heat dissipation, current-dependent	P _{vid}	W	0
Operating ambient temperature min. °C -25 Operating ambient temperature max. °C 5 Operating ambient temperature max. °C 5 ID2 Strength of materials and parts Mets the product standard's requirements. 102.22 Corrosion resistance Mets the product standard's requirements. 102.3.1 Verification of thermal stability of enclosures Mets the product standard's requirements. 102.3.2 Verification of resistance of insulating materials to normal heat and fire due to internal electric effects Mets the product standard's requirements. 102.5.1 Lifting Mets the product standard's requirements. 102.5.1 Lifting Does not apply, since the entire switchgear needs to be evaluated. 102.7.1 Inscriptions Mets the product standard's requirements. 103.Degree of protection of ASSEMBLIES Does not apply, since the entire switchgear needs to be evaluated. 103.Degree of protection of ASSEMBLIES Does not apply, since the entire switchgear needs to be evaluated. 104.Clearances and creepage distances Mets the product standard's requirements. 105.Protection against electric shock Mets the product standard's requirements.	Static heat dissipation, non-current-dependent	P _{vs}	W	0
Operating ambient temperature max. Construction Solution 10.2 Strength of materials and parts Meets the product standard's requirements. 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 to ultra-violet (UV) radiation Meets the product standard's requirements. 10.2.5.1 Lifting Des not apply, since the entire switchgear needs to be evaluated. 10.2.7 Inscriptions Meets the product standard's requirements. 10.3.2 Perfection of ASSEMBLIES Does not apply, since the entire switchgear needs to be evaluated. 10.3.7 Inscriptions Meets the product standard's requirements. 10.3.8 Meets de product standard's requirements. 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 Does not apply, since the entire switchgear needs to be evaluated. 10.5 Protection against elec	Heat dissipation capacity	P _{diss}	W	0
EEC/EN 61439 design verificationImage: Construct of materials and partsImage: Construct of materials and parts10.2.3 Corrosion resistanceMeets the product standard's requirements.10.2.3.1 Verification of thermal stability of enclosuresMeets the product standard's requirements.10.2.3.2 Verification of resistance of insulating materials to normal heat and fire due to internal electric effectsMeets the product standard's requirements.10.2.3.3 Verification of resistance of insulating materials to abnormal heat and fire due to internal electric effectsMeets the product standard's requirements.10.2.4 Resistance to ultra-violet (UV) radiationMeets the product standard's requirements.10.2.5 LiftingDees not apply, since the entire switchgear needs to be evaluated.10.2.7 InscriptionsMeets the product standard's requirements.10.3 Degree of protection of ASSEMBLIESDoes not apply, since the entire switchgear needs to be evaluated.10.4 Clearances and creepage distancesMeets the product standard's requirements.10.5 Protection against electric shockMeets the product standard's requirements.	Operating ambient temperature min.		°C	-25
10.2 Strength of materials and parts666 <td>Operating ambient temperature max.</td> <td></td> <td>°C</td> <td>55</td>	Operating ambient temperature max.		°C	55
10.2.2 Corrosion resistanceMeets the product standard's requirements.10.2.3.1 Verification of thermal stability of enclosuresMeets the product standard's requirements.10.2.3.2 Verification of resistance of insulating materials to normal heat and fire due to internal electric effectsMeets the product standard's requirements.10.2.3.3 Verification of resistance of insulating materials to abnormal heat and fire due to internal electric effectsMeets the product standard's requirements.10.2.4 Resistance to ultra-violet (UV) radiationMeets the product standard's requirements.10.2.5 LiftingDoes not apply, since the entire switchgear needs to be evaluated.10.2.7 InscriptionsMeets the product standard's requirements.10.3 Degree of protection of ASSEMBLIESDoes not apply, since the entire switchgear needs to be evaluated.10.4 Clearances and creepage distancesMeets the product standard's requirements.10.5 Protection against electric shockMeets the product standard's requirements.	IEC/EN 61439 design verification			
10.2.3.1 Verification of thermal stability of enclosuresMeets the product standard's requirements.10.2.3.2 Verification of resistance of insulating materials to normal heat and fire due to internal electric effectsMeets the product standard's requirements.10.2.3.3 Verification of resistance of insulating materials to abnormal heat and fire due to internal electric effectsMeets the product standard's requirements.10.2.4 Resistance to ultra-violet (UV) radiationMeets the product standard's requirements.10.2.5 LiftingDoes not apply, since the entire switchgear needs to be evaluated.10.2.7 InscriptionsMeets the product standard's requirements.10.3 Degree of protection of ASSEMBLIESMeets the product standard's requirements.10.4 Clearances and creepage distancesMeets the product standard's requirements.10.5 Protection against electric shockMeets the product standard's requirements.	10.2 Strength of materials and parts			
10.2.3.2 Verification of resistance of insulating materials to normal heat and fire due to internal electric effectsMeets the product standard's requirements. Meets the product standard's requirements.10.2.4 Resistance to ultra-violet (UV) radiationMeets the product standard's requirements.10.2.5 LiftingMeets the product standard's requirements.10.2.6 Mechanical impactDoes not apply, since the entire switchgear needs to be evaluated.10.2.7 InscriptionsMeets the product standard's requirements.10.3 Degree of protection of ASSEMBLIESMeets the product standard's requirements.10.4 Clearances and creepage distancesMeets the product standard's requirements.10.5 Protection against electric shockMeets the product standard's requirements.	10.2.2 Corrosion resistance			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 effectsMeets the product standard's requirements.10.2.4 Resistance to ultra-violet (UV) radiationMeets the product standard's requirements.10.2.5 LiftingDoes not apply, since the entire switchgear needs to be evaluated.10.2.6 Mechanical impactDoes not apply, since the entire switchgear needs to be evaluated.10.2.7 InscriptionsMeets the product standard's requirements.10.3 Degree of protection of ASSEMBLIESDoes not apply, since the entire switchgear needs to be evaluated.10.4 Clearances and creepage distancesMeets the product standard's requirements.10.5 Protection against electric shockGets the product standard's requirements.	10.2.3.1 Verification of thermal stability of enclosures			Meets the product standard's requirements.
and fire due to internal electric effectsinternal electric effectsinternal electric effects10.2.4 Resistance to ultra-violet (UV) radiationMets the product standard's requirements.10.2.5 LiftingDoes not apply, since the entire switchgear needs to be evaluated.10.2.6 Mechanical impactDoes not apply, since the entire switchgear needs to be evaluated.10.2.7 InscriptionsMets the product standard's requirements.10.3 Degree of protection of ASSEMBLIESDoes not apply, since the entire switchgear needs to be evaluated.10.4 Clearances and creepage distancesMets the product standard's requirements.10.5 Protection against electric shockMets	10.2.3.2 Verification of resistance of insulating materials to normal heat			Meets the product standard's requirements.
10.2.5 LiftingDoes not apply, since the entire switchgear needs to be evaluated.10.2.6 Mechanical impactDoes not apply, since the entire switchgear needs to be evaluated.10.2.7 InscriptionsMeets the product standard's requirements.10.3 Degree of protection of ASSEMBLIESDoes not apply, since the entire switchgear needs to be evaluated.10.4 Clearances and creepage distancesMeets the product standard's requirements.10.5 Protection against electric shockImage: Standard image: S				Meets the product standard's requirements.
10.2.6 Mechanical impactDoes not apply, since the entire switchgear needs to be evaluated.10.2.7 InscriptionsMeets the product standard's requirements.10.3 Degree of protection of ASSEMBLIESDoes not apply, since the entire switchgear needs to be evaluated.10.4 Clearances and creepage distancesMeets the product standard's requirements.10.5 Protection against electric shockMeets the product standard's requirements.	10.2.4 Resistance to ultra-violet (UV) radiation			Meets the product standard's requirements.
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.	10.2.5 Lifting			Does not apply, since the entire switchgear needs to be evaluated.
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.	10.2.6 Mechanical impact			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.	10.2.7 Inscriptions			Meets the product standard's requirements.
10.5 Protection against electric shock Does not apply, since the entire switchgear needs to be evaluated.	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.
10.6 Incorporation of switching devices and components Does not apply, since the entire switchgear needs to be evaluated.	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	Not applicable.
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 7.0

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		None
Type of electric connection		None
Rated current In	А	0
Min. busbar thickness	mm	0
Max. busbar thickness	mm	0
Width of the adapter	mm	9
Rail width	mm	0
Busbar distance	mm	0

Approvals

Product Standards	UL 508A; CSA-C22.2 No. 14; IEC60439-1; CE marking
UL File No.	E300273
UL Category Control No.	NMTR; NMTR7
North America Certification	UL listed, certified by UL for use in Canada
Specially designed for North America	No
Max. Voltage Rating	600 V AC

Assets (links)

Declaration of CE Conformity 00002885 Instruction Leaflets IL03402015Z2018_05