

# Specifications



## Eaton 142528

Eaton Moeller® series BBA Busbar adapter,  
45 mm, 32 A, DIN rail: 1

### General specifications

<b>PRODUCT NAME</b>	Eaton Moeller® series BBA Accessory Busbar adapter
<b>CATALOG NUMBER</b>	142528
<b>MODEL CODE</b>	BBA0K-32
<b>EAN</b>	4015081392575
<b>PRODUCT LENGTH/DEPTH</b>	161 mm
<b>PRODUCT HEIGHT</b>	63 mm
<b>PRODUCT WIDTH</b>	45 mm
<b>PRODUCT WEIGHT</b>	0.218 kg
<b>CERTIFICATIONS</b>	UL 508
<b>GLOBAL CATALOG</b>	142528

## Product specifications

<b>SPECIAL FEATURES</b>	Terminal capacity: 6 mm <sup>2</sup> (AWG 10)
<b>TYPE</b>	<ul style="list-style-type: none"> <li>• Busbar adapter</li> <li>• Compact system</li> </ul>
<b>ADAPTER WIDTH</b>	45 mm
<b>AMBIENT OPERATING TEMPERATURE - MAX</b>	55 °C
<b>AMBIENT OPERATING TEMPERATURE - MIN</b>	-25 °C
<b>BUSBAR DISTANCE</b>	60 mm
<b>BUSBAR THICKNESS - MAX</b>	10 mm
<b>BUSBAR THICKNESS - MIN</b>	5 mm
<b>NOMINAL CURRENT</b>	32 A
<b>NUMBER OF DIN RAILS</b>	1
<b>RAIL WIDTH</b>	20 mm
<b>VOLTAGE RATING AT AC</b>	690 V
<b>ELECTRIC CONNECTION TYPE</b>	3 conductors AWG 10
<b>HEAT DISSIPATION PER POLE, CURRENT-DEPENDENT PVID</b>	0 W
<b>STATIC HEAT DISSIPATION, NON-CURRENT-DEPENDENT PVS</b>	0 W
<b>EQUIPMENT HEAT DISSIPATION, CURRENT-DEPENDENT PVID</b>	2.4 W
<b>10.2.2 CORROSION RESISTANCE</b>	Meets the product standard's requirements.
<b>10.2.3.1 VERIFICATION OF THERMAL STABILITY OF ENCLOSURES</b>	Meets the product standard's requirements.
<b>10.2.3.2 VERIFICATION OF RESISTANCE OF INSULATING MATERIALS TO NORMAL HEAT</b>	Meets the product standard's requirements.
<b>10.2.3.3 RESIST. OF INSUL. MAT. TO ABNORMAL HEAT/FIRE BY INTERNAL ELECT. EFFECTS</b>	Meets the product standard's requirements.
<b>10.2.4 RESISTANCE TO</b>	Meets the product

## Resources

<b>BROCHURES</b>	<a href="#">eaton-xeffect-sasy60i-customer-success-story-css-wagner-mueller-en-us.pdf</a>
<b>CATALOGS</b>	<a href="#">eaton-xeffect-sasy-60i-fk4300-1167gb-en-us.pdf</a> <a href="#">Product Range Catalog Switching and protecting motors</a>
<b>CERTIFICATION REPORTS</b>	<a href="#">eaton-xeffect-sasy-60i-declaration-of-conformity.pdf</a> <a href="#">DA-DC-00004945.pdf</a> <a href="#">DA-DC-00004992.pdf</a> <a href="#">DA-DC-00004976.pdf</a> <a href="#">DA-DC-00004937.pdf</a> <a href="#">DA-DC-00004997.pdf</a> <a href="#">DA-DC-00004244.pdf</a> <a href="#">DA-DC-00005041.pdf</a> <a href="#">DA-DC-00004637.pdf</a> <a href="#">DA-DC-00005031.pdf</a> <a href="#">DA-DC-00004950.pdf</a> <a href="#">DA-DC-00004969.pdf</a> <a href="#">DA-DC-00004891.pdf</a> <a href="#">DA-DC-00004996.pdf</a> <a href="#">DA-DC-00004915.pdf</a> <a href="#">DA-DC-00004993.pdf</a> <a href="#">DA-DC-00004246.pdf</a> <a href="#">DA-DC-00004944.pdf</a> <a href="#">DA-DC-00005037.pdf</a> <a href="#">DA-DC-00004624.pdf</a> <a href="#">DA-DC-00005040.pdf</a> <a href="#">DA-DC-00004972.pdf</a> <a href="#">DA-DC-00004920.pdf</a> <a href="#">DA-DC-00004890.pdf</a> <a href="#">DA-DC-00004886.pdf</a>
<b>DECLARATIONS OF CONFORMITY</b>	

<b>ULTRA-VIOLET (UV) RADIATION</b>	standard's requirements.
<b>10.2.5 LIFTING</b>	Does not apply, since the entire switchgear needs to be evaluated.
<b>10.2.6 MECHANICAL IMPACT</b>	Does not apply, since the entire switchgear needs to be evaluated.
<b>10.2.7 INSCRIPTIONS</b>	Meets the product standard's requirements.
<b>10.3 DEGREE OF PROTECTION OF ASSEMBLIES</b>	Does not apply, since the entire switchgear needs to be evaluated.
<b>10.4 CLEARANCES AND CREEPAGE DISTANCES</b>	Meets the product standard's requirements.
<b>10.5 PROTECTION AGAINST ELECTRIC SHOCK</b>	Does not apply, since the entire switchgear needs to be evaluated.
<b>10.6 INCORPORATION OF SWITCHING DEVICES AND COMPONENTS</b>	Does not apply, since the entire switchgear needs to be evaluated.
<b>10.7 INTERNAL ELECTRICAL CIRCUITS AND CONNECTIONS</b>	Is the panel builder's responsibility.
<b>10.8 CONNECTIONS FOR EXTERNAL CONDUCTORS</b>	Is the panel builder's responsibility.
<b>10.9.2 POWER-FREQUENCY ELECTRIC STRENGTH</b>	Is the panel builder's responsibility.
<b>10.9.3 IMPULSE WITHSTAND VOLTAGE</b>	Is the panel builder's responsibility.
<b>10.9.4 TESTING OF ENCLOSURES MADE OF INSULATING MATERIAL</b>	Is the panel builder's responsibility.
<b>10.10 TEMPERATURE RISE</b>	The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices.
<b>10.11 SHORT-CIRCUIT RATING</b>	Is the panel builder's responsibility. The specifications for the switchgear must be observed.
<b>10.12 ELECTROMAGNETIC COMPATIBILITY</b>	Is the panel builder's responsibility. The specifications for the switchgear must be observed.

<b>DRAWINGS</b>	<a href="#">eaton-manual-motor-starters-bba-busbar-adapter-dimensions-009.eps</a> <a href="#">eaton-manual-motor-starters-bba-busbar-adapter-3d-drawing-011.eps</a>
<b>ECAD MODEL</b>	<a href="#">ETN.142528.edz</a>
<b>INSTALLATION INSTRUCTIONS</b>	<a href="#">IL03402015Z</a>
<b>MCAD MODEL</b>	<a href="#">bba0k_32.dwg</a> <a href="#">bba0k_32.stp</a>

<b>10.13 MECHANICAL FUNCTION</b>	The device meets the requirements, provided the information in the instruction leaflet (IL) is observed.
<b>MOUNTING RAIL ARMAMENT</b>	1 mounting rail
<b>RATED OPERATION CURRENT (IE)</b>	32 A

<b>PROJECT NAME:</b>
<b>PROJECT NUMBER:</b>
<b>PREPARED BY:</b>
<b>DATE:</b>



**Eaton Corporation plc**  
Eaton House  
30 Pembroke Road  
Dublin 4, Ireland  
Eaton.com

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