

# Eaton 101454

Catalog Number: 101454

Eaton Moeller® series BBA Busbar adapter, 90 mm, 32 A, DIN rail:  
3



## General specifications

<b>Product Name</b>	<b>Catalog Number</b>
Eaton Moeller® series BBA Accessory Busbar adapter	101454
	<b>Model Code</b>
	BBA0R-32
<b>EAN</b>	<b>Product Length/Depth</b>
4015081013746	200 mm
<b>Product Height</b>	<b>Product Width</b>
73 mm	90 mm
<b>Product Weight</b>	<b>Certifications</b>
0.494 kg	Certified by UL for use in Canada IEC60439-1 UL 508A CSA-C22.2 No. 14 UL File No.: E300273 UL UL Category Control No.: NMTR; NMTR7 CE

## Product specifications

### Nominal current

32 A

### 10.11 Short-circuit rating

Is the panel builder's responsibility. The specifications for the switchgear must be observed.

### Number of DIN rails

3

### Busbar thickness - min

5 mm

### Equipment heat dissipation, current-dependent P<sub>vid</sub>

2.4 W

### 10.4 Clearances and creepage distances

Meets the product standard's requirements.

### 10.12 Electromagnetic compatibility

Is the panel builder's responsibility. The specifications for the switchgear must be observed.

### Voltage rating at AC

690 V

### 10.2.5 Lifting

Does not apply, since the entire switchgear needs to be evaluated.

### Mounting rail armament

2 mounting rails

### Rail width

35 mm

### 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.

### 10.8 Connections for external conductors

Is the panel builder's responsibility.

### 10.9.2 Power-frequency electric strength

Is the panel builder's responsibility.

## Resources

### Brochures

[eaton-xeffect-sasy60i-customer-success-story-css-wagner-mueller-en-us.pdf](#)

### Catalogs

[eaton-xeffect-sasy-60i-fk4300-1167gb-en-us.pdf](#)

Product Range Catalog Switching and protecting motors

### Certification reports

[eaton-xeffect-sasy-60i-declaration-of-conformity.pdf](#)

[DA-DC-00004624.pdf](#)

[DA-DC-00004554.pdf](#)

[DA-DC-00004245.pdf](#)

[DA-DC-00004637.pdf](#)

[DA-DC-00004246.pdf](#)

[DA-DC-00004109.pdf](#)

[DA-DC-00004108.pdf](#)

[DA-DC-00004244.pdf](#)

### Declarations of conformity

[DA-DC-00004892.pdf](#)

[DA-DC-00004945.pdf](#)

[DA-DC-00004890.pdf](#)

[DA-DC-00004886.pdf](#)

[DA-DC-00004920.pdf](#)

[DA-DC-00004891.pdf](#)

[DA-DC-00004950.pdf](#)

[DA-DC-00004878.pdf](#)

[DA-DC-00004910.pdf](#)

[DA-DC-00004915.pdf](#)

[DA-DC-00004921.pdf](#)

[DA-DC-00004944.pdf](#)

[DA-DC-00004962.pdf](#)

[DA-DC-00004937.pdf](#)

### Drawings

[eaton-manual-motor-starters-bba-busbar-adapter-dimensions-011.eps](#)

[eaton-manual-motor-starters-bba-busbar-adapter-3d-drawing-003.eps](#)

### eCAD model

[DA-CE-ETN.BBA0R-32](#)

## Special features

Terminal capacity: 6 mm<sup>2</sup> (AWG 10)

## Rated operation current (I<sub>e</sub>)

32 A

## Ambient operating temperature - max

55 °C

## 10.7 Internal electrical circuits and connections

Is the panel builder's responsibility.

## Static heat dissipation, non-current-dependent P<sub>vs</sub>

0 W

## 10.10 Temperature rise

The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices.

## 10.9.3 Impulse withstand voltage

Is the panel builder's responsibility.

## Voltage rating (UL CSA 13)

600 V AC, UL/CSA

## Ambient operating temperature - min

-25 °C

## Busbar thickness - max

10 mm

## Type

Busbar adapter

SASY Busbar system 60

mm

## 10.2.2 Corrosion resistance

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.

## 10.2.4 Resistance to ultra-violet (UV) radiation

Meets the product standard's requirements.

## 10.2.7 Inscriptions

Meets the product standard's requirements.

## 10.5 Protection against electric shock

Does not apply, since the entire switchgear needs to be evaluated.

## Installation instructions

IL03402015Z

## mCAD model

DA-CS-bba0r\_32

DA-CD-bba0r\_32

#### Busbar distance

60 mm

#### Electric connection type

3 conductors AWG 10

#### 10.13 Mechanical function

The device meets the requirements, provided the information in the instruction leaflet (IL) is observed.

#### 10.2.6 Mechanical impact

Does not apply, since the entire switchgear needs to be evaluated.

#### 10.9.4 Testing of enclosures made of insulating material

Is the panel builder's responsibility.

#### Heat dissipation per pole, current-dependent P<sub>vid</sub>

0 W

#### 10.3 Degree of protection of assemblies

Does not apply, since the entire switchgear needs to be evaluated.

#### Adapter width

90 mm



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