

busbar adapter 80 A (32466)



The picture may show a similar product.

Description

Part No.: **32466 000**

EQUES[®] 60Classic

busbar adapter 80 A

1 adjustable mounting rail

54 x 200, without leads, with terminals 16 mm², operated from behind
for busbars 12, 15, 20, 25, 30 x 5, 10 and section busbars

System

60Classic

Product group 05

Subgroup 27

pack size 4

EAN 4021267324667

ETIM 5.0 EC001531

ETIM 8.0 EC001531

Approvals

Standards

IEC 61439-1:2020

UL 508

Approvals

CSA , UL , DNV GL



for UL feeder circuits >250V

type number: EEC6080-L

UL file: E123577, UL category (for USA): NMTR <https://www.ul.com>

UL file: E123577, UL category (for Canada): NMTR7 <https://www.ul.com>

CSA file: 110285, CSA class: 3211-37 <https://directories.csa-international.org>

CCC approval: no certification required

Technical data

Details IEC

Standards

IEC 61439-1:2020

Electrical data IEC

rated current (IEC): 80 A

rated voltage (IEC) AC: 690 V

rated isolation voltage U_i AC: 800 V

rated surge voltage U_{imp} : 6 kV

power dissipation of the article:

The power dissipation at a typical load of 80 % results to 6.0 W.

(The power dissipation at full load would be 9.3 W.)

Supplementary data IEC

The following values have been verified with tests under certain conditions. Please ask Wöhner for this conditions before designing your panel.

max. permitted voltage (IEC) DC: 800 V

min. permitted operation temperature -40°C

Details UL

Standards

UL 508

for UL feeder circuits >250V

Electrical data UL

rated current (UL): 80 A

rated voltage (UL) AC: 600 V

rated frequency (UL): 50 / 60 Hz

SCCR unprotected max.: 10 kA
3 cycles (without OPD) @ 600 V AC

SCCR protected max.: 100 kA
with fuse Class CF, J or T 150 A / 600 V AC

SCCR: 65 kA with any NKJH/7 type E 80 A / 480 V AC
65 kA with any DIVQ/7 circuit breaker 80 A / 480 V AC

Mechanical data

W x H x D: 54 x 200 x 63

weight: 37.3 kg/100

poles: 3-pole

for busbars: 12, 15, 20, 25, 30 x 5, 10 and section busbars

Terminal points

cage clamp connection

screw drive: PZ2

wire stripping: 11 mm

min. cross-section: 1.5 mm²

max. cross-section: 16 mm²

Md min.: 2.4 Nm

Md max.: 3.6 Nm

Material properties

halogen-free: Yes

Application notes

There must be a clearance of at least 12 mm above the article to remove it from the busbar system.

for feeder circuits as per UL508a, accessory 32974 is required

the short-circuit capacity of the combination of adapter and motor starter depends on the motor starter

for UL feeder circuits >250V

Accessories

accessories for mounting



32969 000
mounting rail end stop
for adjustable mounting rails

connection accessories



32974 000
terminal cap for UL
for busbar adapters 32466, 32467, 32469 and 32472



32914 000
lead AWG 4 (25 mm²), 210 mm long
for adapters with cage clamps



32915 000
double-lead 2x AWG 10 (2x 6 mm²), 130 / 280 mm long
for adapters with cage clamps



32900 000A
lead AWG 6 (16 mm²), 210 mm long
for adapters with cage clamps



32916 000A
lead AWG 10 (6 mm²), 280 mm long
for adapters with cage clamps

**32921 000**

lead AWG 14 (2.5 mm²), 105 mm long
for adapters with cage clamps

**32929 000A**

lead AWG 12 (4 mm²), 190 mm long
for adapters with cage clamps

**32935 000A**

lead AWG 10 (6 mm²), 190 mm long
for adapters with cage clamps

**32936 000A**

lead AWG 8 (10 mm²), 190 mm long
for adapters with cage clamps

**32918 000A**

lead AWG 14 (2.5 mm²), 190 mm long
for adapters with cage clamps

further accessories

**32948 000**

mounting rail 54 mm
for busbar adapters



32963 000

side-mounted module for busbar adapters

attachable to both sides

9 x 200

for: EEC60..



32953 000A

positioning piece for Siemens S2

for 45mm wide adapters with adjustable mounting rails

<https://pim.woehner.de/EN/EN/1000043075>