

busbar mounted fuse holder Class J (33402)



The picture may show a similar product.

Description

Part No.: **33402 000**

QUADRON® 60Classic

busbar mounted fuse holder Class J

Size Class J 100 A

for fuse links Class J 70 - 100 A (29 x 118)

3P, with box terminal

connection top or bottom

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

System

60Classic

Advantages of the product

the product is based on the UL approval in category IZLT2 also listed in category NMTR (file E123577)

CrossLink® adapter technology

Fast and safe conversion of the connection for top or bottom; the parts under voltage remain shock protected Simple and safe clicking into place and making contact

Safe connection through shock protection split into 2

Busbar supports for flat busbars can be mounted above each other

Product group 16
Subgroup 27

pack size 1
EAN 4021267334024

ECLASS 6.1 27142190
ECLASS 7.1 27142190
ETIM 4.0 EC002705
ETIM 5.0 EC002705
ETIM 8.0 EC002705

Approvals

Standards

IEC 60269-1:2006 + A1:2009 + A2:2014
IEC 60269-2:2013 + A1:2016, Fuse system H
UL 4248-8
UL 4248-1

Approvals

UL



for UL feeder circuits >250V

type number: QCC-ClassJ100A

UL file: E230163, UL category (for USA): IZLT2 <https://www.ul.com>
UL file 2: E123577, UL category+ (for USA): NMTR <https://www.ul.com>
UL file: E230163, UL category (for Canada): IZLT8 <https://www.ul.com>
UL file 2: E123577, UL category+ (for Canada): NMTR7 <https://www.ul.com>

Technical data

for fuse links size: Class J 100 A
fuse links acc. to standard: UL 248-8
permitted power dissipation of the fuse-link: 10 W

Details IEC

Standards

IEC 60269-1:2006 + A1:2009 + A2:2014

IEC 60269-2:2013 + A1:2016, Fuse system H

Electrical data

power dissipation of the article:

The power dissipation at a typical load of 80 % results to 5.8 W.

(The power dissipation at full load would be 9.0 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.

min. permitted operation temperature -40

do not use any fuse links with sharp-edged contact blades

System component: degree of protection IP30 at front as per DIN EN 60529, degree of protection near terminal depends on installation

adapter module: front side degree of protection IP20 as per DIN EN 60529 (finger-safe)

Details UL

Standards

UL 4248-8

UL 4248-1

for UL feeder circuits >250V

suitable for field-installed conductors

Electrical data UL

rated current (UL): 100 A

rated voltage (UL) AC: 600 V

rated frequency (UL): 50 / 60 Hz

rated voltage (UL) DC: 600 V

for wires UL: Cu 75°C

SCCR: 200 kA

Mechanical data

W x H x D: 106 x 200 x 135
weight: 129.0 kg/100
poles: 3-pole
for busbars: 12, 15, 20, 25, 30 x 5, 10 and section busbars

Busbar connector: externally tensioned contacting, convenient click mechanism, simple conversion of the combination bases from 5 to 10mm-thick busbars

Terminal points

Not suitable for aluminium cables !

min. cross-section UL: AWG 14
max. cross-section UL: AWG 2/0
for wires UL: Cu 75°C

AWG 12 - AWG 2/0 stranded, equivalent 3,3 - 67,4 mm²
AWG 14 - AWG 10 solid, equivalent 215 - 5,3 mm²

Material properties

halogen-free: No

Application notes

Not suitable for aluminium cables !
permitted power dissipation of the fuse-link: 10 W
for UL feeder circuits >250V

<https://pim.woehner.de/EN/EN/1000050281>