

## 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 mm<sup>2</sup>  
AWG 14 - AWG 10 solid, equivalent 215 - 5,3 mm<sup>2</sup>

### **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>