

busbar mounted fuse holder 1000 V (31572)



Description

Part No.: 31572

AMBUS® 60Classic

busbar mounted fuse holder 1000 V

for fuses 10x38

1-pole, for busbars 20 x 5/10

for busbars 20 x 5, 10

Product group 01

Subgroup 46

pack size 12

EAN 4021267315726

Katalogseite US US 2019 : 3.16

eCl@ss 6.1 27142190
eCl@ss 7.1 27142190
ETIM 4.0 EC002705
ETIM 5.0 EC002705

Approvals

Standards

IEC 60269-1:2006 + A1:2009 + A2:2014
IEC 60269-2:2013
GB/T 13539.2

Approvals

UL, CCC



type number: AEL10x38/PV-20

UL file: E230163, UL category (for USA): IZLT2 <http://www.ul.com>
UL file 2: E342576, UL category+ (for USA): IZMR2 <http://www.ul.com>
UL file: E230163, UL category (for Canada): IZLT8 <http://www.ul.com>
CCC certificate: 2013010308654225

Product data

fuse-link acc. to standard: IEC / EN 60269-6
permitted power dissipation of the fuse-link: 4 W

Details IEC

Standards

IEC 60269-1:2006 + A1:2009 + A2:2014
IEC 60269-2:2013
GB/T 13539.2

Electrical data IEC

Rated current (IEC): 30 A

rated voltage (IEC) DC: 1000 V

The insulation performance of the article depends on the installation conditions.

power dissipation of the article:

The power dissipation at a typical load of 80% of the rated current results to 0.1 W.

(The power dissipation for operation with rated current would be 0.2 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: 1050 V

for fuse links as per IEC 60269-6

gPV with power dissipation up to max. 4W

Details UL

Standards

UL 4248-1

UL 4248-19

Electrical data UL

rated current (UL): 30 A

rated voltage (UL) DC: 1000 V

SCCR: 33 kA

Mechanical data

W x H x D: 22.5 x 70 x 73

weight: 6.3 kg/100

poles: 1-pole

for busbars: 20 x 5, 10

Terminal points

for applications acc. to IEC / EN :

1 wire:

Cu 0,75 - 25 mm²

2 wires (of same cross-section):

Cu 0,75 - 10 mm²

flexible cables, directly or with wire-end ferrule

(flexible cables of max. cross-section may not fit when using wire-end ferrule)

Md 2,0 - 2,5 Nm / 18 - 22 lb.in.

for applications acc. to UL / CSA :

only Cu cables acc. to UL 486E

1 wire:

AWG 18 - AWG 8, Class B, Md 2,0 - 2,5 Nm / 18 - 22 lb.in.

AWG 6 - AWG 4, Class C, Md 2,5 - 3,0 Nm / 22 - 26 lb.in.

2 wires (of identical cross-section):

AWG 18 - AWG 8, Class B, Md 2,0 - 2,5 Nm / 18 - 22 lb.in.

AWG 6, Class C, Md 2,0 - 2,5 Nm / 18 - 22 lb.in.

Material properties

Body: temperature stability 125°C,
 self-extinguishing in acc. to UL 94,
 creepage resistance CTI 600,
 halogen-free

Fuse-carrier: temperature stability 140°C,
 self-extinguishing in acc. to UL 94,
 creepage resistance CTI 200,
 halogen-free

Accessories



01355

busbar support

1-pole, attachable to 01603 or individual mounting, with integrated end cover

for busbars: 12, 20, 30 x 5, 10



31543

cylindr. fuse link 8 A

1000 V DC, gPV

10 x 38



31544

cylindr. fuse link 10 A

1000 V DC, gPV

10 x 38



31545

cylindr. fuse link 12 A

1000 V DC, gPV

10 x 38



31546

cylindr. fuse link 16 A

1000 V DC, gPV

10 x 38



31547

cylindr. fuse link 20 A

1000 V DC, gPV

10 x 38