

holder for cylindrical fuses, for semiconductor fuses (31277)



The picture may show a similar product.

Description

Part No.: 31277

AMBUS[®] Panel

holder for cylindrical fuses, for semiconductor fuses

10 x 38 / 3P

32 A / 690 V, for semiconductor protection

System

DIN rail

Product group 17

Subgroup 06

pack size 4

EAN 4021267312770

Advantages of the product

large clamping range
holder for label

catalog page 2020 : 6.7

eCl@ss 6.1 27142190

eCl@ss 7.1 27142190

ETIM 4.0 EC002705

ETIM 5.0 EC002705

Approvals

Standards

IEC 60947-1:2007 + A1:2010 + A2:2014

IEC 60947-3:2008 + A1:2012 + A2:2015

GB/T 14048.3

Approvals

IEC (CB) , CSA , UL , CCC , EAC



for UL feeder circuits >250V

type number: AES10x38

EAC Type: AES

UL file: E230163, UL category (for USA): IZLT <http://www.ul.com>

UL file: E230163, UL category (for Canada): IZLT7 <http://www.ul.com>

CSA file: 110285, CSA class: 6225-01 <http://directories.csa-international.org>

CCC certificate: 2012010302581751

Technical data

for fuse links size: 10x38

fuse links acc. to standard: IEC / HD 60269-2

permitted power dissipation of the fuse-link: 4.3 W

Details IEC**Standards**

IEC 60947-1:2007 + A1:2010 + A2:2014

IEC 60947-3:2008 + A1:2012 + A2:2015

GB/T 14048.3

Electrical data IEC

Rated current (IEC): 32 A

rated voltage (IEC) AC: 690 V

rated isolation voltage U_i AC: 800 Vrated surge voltage U_{imp} : 6 kV

Utilisation category AC (IEC 60947-3): AC-22B (400V)

cond. short-circuit current with fuses (AC): 100 kA / 400 V (32A)

100 kA / 500 V (25A)

50 kA / 690 V (10 A)

approved with fuse links of operation class: gG (10 A aR)

power dissipation of the article:

The power dissipation at a typical load of 80 % of the rated current results to 0.6 W.

(The power dissipation for operation with rated current would be 0.9 W.)

A fuse-combination unit acc. to IEC 60947-3 can only be operated at a higher voltage than its rated voltage, if it is used as a fuse-disconnector without breaking capacity, up to its max. rated insulation voltage and labelled as such.

for fuse links as per IEC / EN 60269-2

with permitted rated power dissipations

up to max. 3W for gG/gL

up to max. 1.2W for aM

up to max. 4.3W for aR/gR

Details UL**Standards**

UL 4248-1

for UL feeder circuits >250V
suitable for field-installed conductors

Electrical data UL

rated current (UL): 30 A
rated voltage (UL) AC: 600 V
rated voltage (UL) DC: 600 V
for wires UL: Cu 75°C

SCCR: 100 kA

Mechanical data

W x H x D: 54 x 81 x 58
weight: 15.5 kg/100
poles: 3-pole

degree of protection: IP20
front degree of protection: IP20

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.

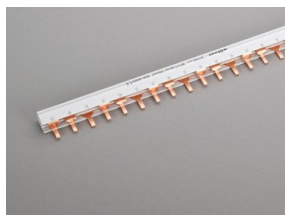
Material properties

- Main 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
- Connecting screws: screw +/- (PZ2), galvanized, chromized

Version

Standard version: Part no. 31113

Accessories



31102

comb-type busbar, 3-pole, bridge type, pitch 18 mm
80 A, 1 m long
16 mm²



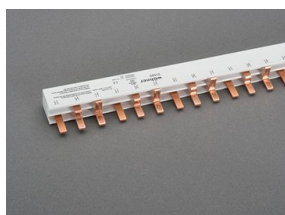
31103

connection terminal, side connection
for 31101, 31102
6 - 25 mm²
for: 31101, 31102



31157

connection terminal, front connection
for 31101, 31102
6 - 25 mm²
for: 31101, 31102



31549

comb-type busbar, 3-pole, bridge type, pitch 18 mm
100 A, 1 m long
25 mm²



31550

connection terminal, front connection
for 31549, 31561
6 - 35 mm²
for: 31549, 31561



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