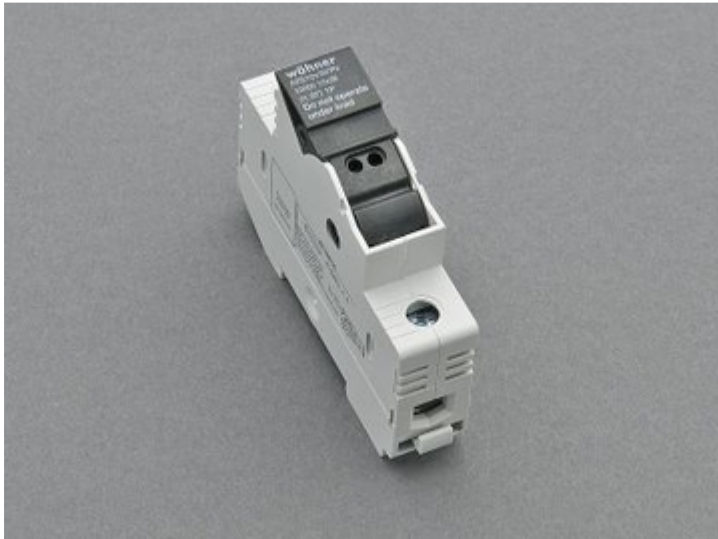


holder for cylindrical fuses (31 971)



Description

Article

Part No.: 31 971

AMBUS® Panel

holder for cylindrical fuses

10 x 38 / 1P

30A / 1000V DC

System

DIN rail

Product group 17

Subgroup 06

pack size 12

EAN 4021267319717

Advantages of the product

large clamping range

holder for label

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
IEC 60269-2:2010

Approvals

IEC (CB), CSA, UL, CCC



for UL feeder circuits >250V

Type number: AES10x38/PV

UL file: E342576, UL category (for USA): IZMR <http://www.ul.com>
CSA file: 110285, CSA class: 6225-01 <http://directories.csa-international.org>
CCC certificate: 2013010308601276

Product data

Electrical data

Rated current (IEC): 30 A
Rated voltage (IEC) DC: 1000 V

Rated current (UL): 30 A
Rated voltage (UL) DC: 1000 V

Power dissipation:

The power dissipation at a typical load of 80% of the rated current results to 0.2 W.
(The power dissipation for operation with rated current would be 0.3 W.)

rated isolation voltage U_i (AC): 1000 V
Rated surge voltage U_{imp} : 6 kV
max. permitted voltage (IEC) DC: 1000 V

cond. rated short-circuit current with fuses: 20 kA / 1000V
approved with fuse links of characteristics: gPV

SCCR: 33 kA

for fuse links as per IEC 60269-6 with power dissipations up to max. 4W
use of fuse links with silver plated caps is recommended

Mechanical data

W x H x D: 18 x 81 x 58
Weight: 5.2 kg/100
Poles: 1-pole

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):

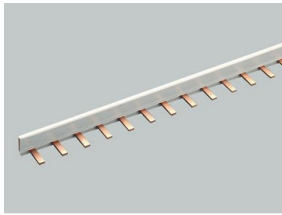
AWG 18 - AWG 8, Class B, Md 2,0 - 2,5 Nm / 18 - 22 lb.in.

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 200, 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

Accessories



31 101

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



31 103

connecting terminal, side connection
for comb-type busbars 31 101 and 31 102
6 - 25 mm²



31 157

connecting terminal, front connection
for comb-type busbars 31 101 and 31 102
6 - 25 mm²



31 544

cylindr. fuse link 10 A
1000 V, gPV type
10 x 38



31 545

cylindr. fuse link 12 A
1000 V, gPV type
10 x 38

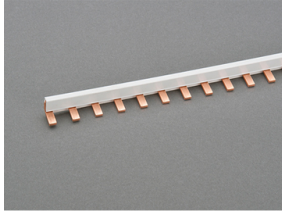


31 546

cylindr. fuse link 16 A
1000 V, gPV type
10 x 38

**31 547**

cylindr. fuse link 20 A
1000 V, gPV type
10 x 38

**31 548**

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

**31 550**

connecting terminal, front connection
for comb-type busbars 31 549, 31 561
6 - 35 mm²

**31 039**

connecting terminal, front connection
for comb-type busbar 31 548
6 - 35 mm²

**31 563**

spacer 4,5 mm
set for 50 fuse holders 31971 and 31973