

holder for cylindrical fuses, with LED (31133)



The picture may show a similar product.

Description

Part No.: 31133

AMBUS® Panel

holder for cylindrical fuses, with LED

10 x 38 / 3P

32 A / 110 - 690 V

System

DIN rail

Advantages of the product

large clamping range

holder for label

Product group 17

Subgroup 06

pack size 4
EAN 4021267311339

catalog page 2020 : 6.6

ECLASS 6.1 27142190
ECLASS 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
UL 4248-1

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: 3 W

Details IEC

Standards

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

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

Electrical data IEC

Rated current (IEC): 32 A

rated voltage (IEC) AC: 690 V

min. operating voltage AC: 110 V

rated isolation voltage U_i AC: 690 V

rated surge voltage U_{imp} : 6 kV

max. permitted voltage (IEC) AC 725 V

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)

approved with fuse links of operation class: gG

power dissipation of the article:

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

(The power dissipation at full load would be 0.9 W.)

further utilisation category AC (IEC 60947-3): AC-20B (1000 V) at pollution degree 2

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

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
min. operating voltage AC: 110 V
rated frequency (UL): 50 / 60 Hz
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: 17.0 kg/100
poles: 3-pole

degree of protection: IP20
front degree of protection: IP20

Terminal points

cage clamp connection

screw drive:	PZ2
wire stripping:	11 mm
min. cross-section:	0.75 mm ²
max. cross-section:	25 mm ²
Md min.:	2.0 Nm
Md max.:	2.5 Nm

Not suitable for aluminium cables !

min. cross-section UL:	AWG 18
max. cross-section UL:	AWG 4
torque (UL):	18 - 22 lb-in
for wires UL:	Cu 75°C

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):

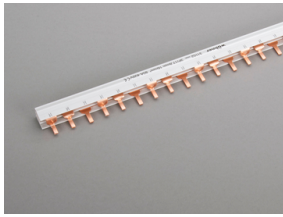
AWG 18 - AWG 8, Class B, Md 2,0 - 2,5 Nm / 18 - 22 lb.in.

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

Reference

The indicator light signals that the fuse has tripped, but only when the closed fuse-holder is under voltage.

Accessories



31102

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



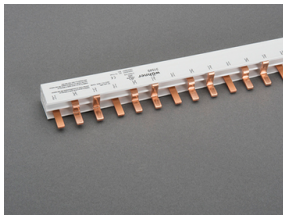
31103

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



31157

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