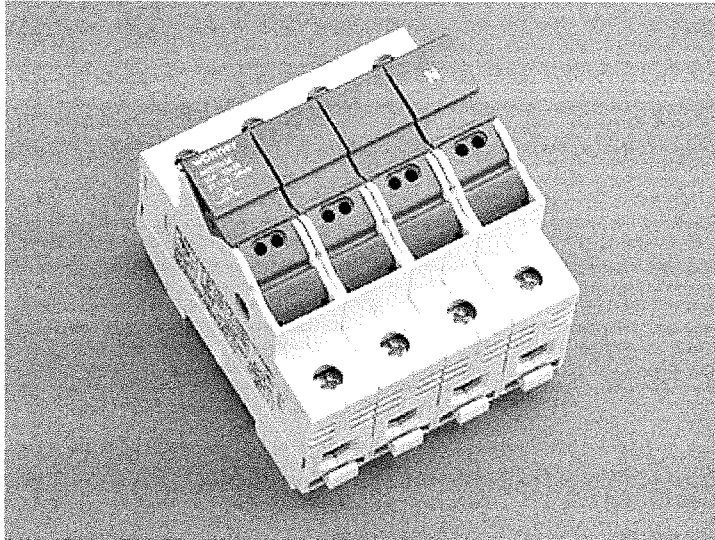


## holder for cylindrical fuses (31 114)



## Description

## Approvals

## Product data

**Electrical data**

Rated current (IEC): 32 A

Rated voltage (IEC) AC: 690 V

Rated current (UL): 30 A

Rated voltage (UL) AC: 600 V

Rated voltage (UL) DC: 600 V

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

## Power dissipation:

The power dissipation at a typical load of 80% of the rated current results to 1 W.

(The power dissipation for operation with rated current would be 1.5 W.)

rated isolation voltage  $U_i$  (AC): 800 VRated surge voltage  $U_{imp}$ : 6 kV

max. permitted voltage (IEC) AC: 800 V

cond. rated short-circuit current with fuses: 100 kA / 400 V (32A)  
100 kA / 500 V (25A)  
approved with fuse links of characteristics: gG

SCCR: 100 kA

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

### Mechanical data

W x H x D: 72 x 81 x 58  
Weight: 21.7 kg/100  
Poles: 3-pole+N

degree of protection: IP20  
front degree of protection: IP20

### Terminal points

for applications acc. to IEC / EN :

1 wire:

Cu 0,75 - 25 mm<sup>2</sup>

2 wires (of same cross-section):

Cu 0,75 - 10 mm<sup>2</sup>

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

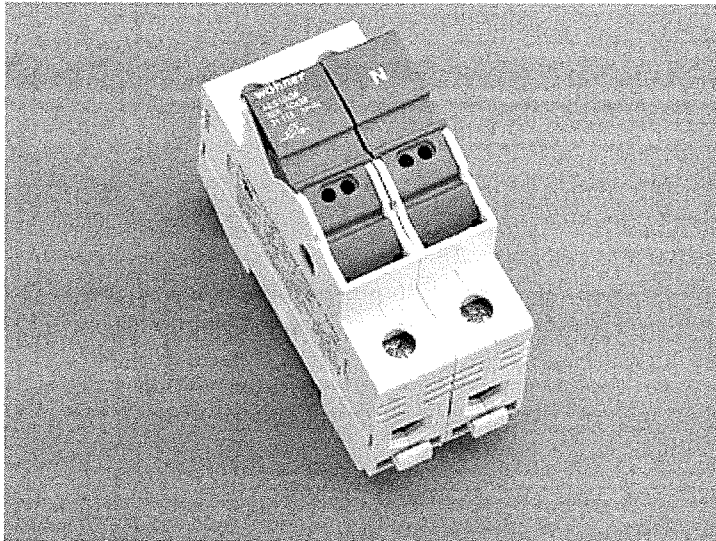
Fuse carrier: temperature stability 125°C,  
self-extinguishing in acc. to UL 94,  
creepage resistance CTI 600,  
halogen-free

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

**Version**

Version with indicator light: Part no. 31134

## holder for cylindrical fuses (31 111)



## Description

**Article**

Part No.: 31 111

AMBUS<sup>®</sup> Panel

holder for cylindrical fuses

10 x 38 / 1P + N

32 A / 690 V

**System**

DIN rail

Product group 17

Subgroup 06

pack size 6

EAN 4021267311117

**Advantages of the product**

large clamping range

holder for label

Catalog page 2015 : 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

### Approvals

IEC (CB), CSA, UL, CCC



for UL feeder circuits >250V

Type number: AES10x38

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

## Product data

### Electrical data

Rated current (IEC): 32 A  
Rated voltage (IEC) AC: 690 V

Rated current (UL): 30 A  
Rated voltage (UL) AC: 600 V  
Rated voltage (UL) DC: 600 V

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

### Power dissipation:

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.)

rated isolation voltage  $U_i$  (AC): 800 V

Rated surge voltage  $U_{imp}$ : 6 kV

max. permitted voltage (IEC) AC: 800 V

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

100 kA / 500 V (25A)

approved with fuse links of characteristics: gG

SCCR: 100 kA

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

### Mechanical data

W x H x D: 36 x 81 x 58

Weight: 11.3 kg/100

Poles: 1-pole+N

degree of protection: IP20

front degree of protection: IP20

### Terminal points

for applications acc. to IEC / EN :

1 wire:

Cu 0,75 - 25 mm<sup>2</sup>

2 wires (of same cross-section):

Cu 0,75 - 10 mm<sup>2</sup>

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 125°C,  
self-extinguishing in acc. to UL 94,  
creepage resistance CTI 600,  
halogen-free
- Connecting screws: screw +/- (PZ2), galvanized, chromized

**Version**

Version with indicator light: Part no. 31131