

holder for cylindrical fuses (31555)



The picture may show a similar product.

Description

Part No.: **31555 000**

SECUR[®] Panel

holder for cylindrical fuses

Size 10x85

10 x 85 / 1P

32 A, 1500 V DC

for mounting rail

System

Panel

Advantages of the product

easy replacement of the fuse-link

front degree of protection IP20 always guaranteed

Product group 17

Subgroup 18

pack size 5
EAN 4021267315559

ECLASS 6.1 27142190
ECLASS 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 + A1:2016
UL 4248-1
UL 4248-19

Approvals

UL



type number: AES10x85

UL file: E342576, UL category (for USA): IZMR <https://www.ul.com>

Technical data

for fuse links size: 10x85
fuse links acc. to standard: IEC / EN 60269-6
permitted power dissipation of the fuse-link: 6 W

Details IEC

Standards

IEC 60269-1:2006 + A1:2009 + A2:2014
IEC 60269-2:2013 + A1:2016

Electrical data IEC

rated current (IEC): 32 A
rated voltage (IEC) AC: 1000 V

rated voltage (IEC) DC: 1500 V

rated surge voltage U_{imp} : 8 kV

power dissipation of the article:

The power dissipation at a typical load of 80 % results to 0.2 W.
(The power dissipation at full load would be 0.3 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.

for fuse links 10x85 or 14x85 as per IEC 60269-2, -4, -6
with permitted rated power dissipations up to max. 6.0W

Details UL

Standards

UL 4248-1
UL 4248-19

Electrical data UL

rated current (UL): 30 A
rated voltage (UL) DC: 1500 V

SCCR: 15 kA

Mechanical data

W x H x D: 22.5 x 130 x 65
weight: 9.2 kg/100
poles: 1-pole
Mounting: for mounting rail

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 !

Box terminal

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 :

only stranded Cu cables acc. to UL 486E

1 wire:

AWG 18 - AWG 4

2 wires (of identical cross-section):

AWG 18 - AWG 6

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

Application notes

Not suitable for aluminium cables !

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

Min. permitted ambient temperature: -25°C (installation only at temperatures > -5°C)

Climate resistance as per IEC 61439-1, max. pollution degree 3

Please note when inserting the fuse-carrier (with or without fuse-link): insert the fuse-carrier quickly

permitted power dissipation of the fuse-link: 6 W

Accessories

fuse links



31558 000

cylindr. fuse link 25 A

Size 14x85

1100 V DC, gPV

14 x 85



31559 000

cylindr. fuse link 20 A

Size 14x85

1100 V DC, gPV

14 x 85

<https://pim.woehner.de/EN/EN/1000051417>