

holder for cylindrical fuses, with LED (31300)



The picture may show a similar product.

Description

Part No.: **31300 000**

AMBUS[®] Panel

holder for cylindrical fuses, with LED

Class CC / 3P

30 A / 600 V

indication (LED) of a tripped fuse link

for mounting rail

System

Panel

Advantages of the product

large clamping range, also for two identical conductors (adjacent)

holder for label

with indicator for tripped fuse

any polarity for DC voltage

Product group 17

Subgroup 07

pack size 4
EAN 4021267313005

ETIM 5.0 EC002705
ETIM 8.0 EC002705
ETIM 10.0 EC002705

Approvals

Standards

IEC 60269-1:2006 + A1:2009 + A2:2014
IEC 60269-2:2013 + A1:2016, Fuse system J
UL 4248-1
UL 4248-4

Approvals

CSA , UL , CCC



for UL feeder circuits >250V

type number: AESCC

UL file: E230163, UL category (for USA): IZLT <https://www.ul.com>
UL file: E230163, UL category (for Canada): IZLT7 <https://www.ul.com>
CSA file: 110285, CSA class: 6225-01 <https://directories.csa-international.org>
CCC certificate: 21107299296

Technical data

for fuse links size: Class CC
fuse links acc. to standard: UL 248-4
permitted power dissipation of the fuse-link: 4 W

Details IEC

Standards

IEC 60269-1:2006 + A1:2009 + A2:2014
IEC 60269-2:2013 + A1:2016, Fuse system J

Electrical data IEC

min. operating voltage AC: 110 V

min. operating voltage DC: 110 V

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.)

Supplementary data IEC

The following values have been verified with tests under certain conditions. Please ask Wöhner for this conditions before designing your panel.

min. permitted operation temperature -40°C

indicator light

operating voltage range: 110 - 600 V AC / DC

Details UL

Standards

UL 4248-1

UL 4248-4

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

min. operating voltage DC: 110 V

for wires UL: Cu 60°C

SCCR: 200 kA

Mechanical data

W x H x D: 54 x 81 x 58

weight: 18.5 kg/100

poles: 3-pole

Mounting: for mounting rail

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 mm²

max. cross-section: 25 mm²

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 / 22 - 26 (AWG 6 - AWG 4) lb-in

for wires UL: Cu 60°C

connection of 2 wires (of same cross-section)

for applications acc. to IEC / EN:

Cu 0,75 - 10 mm²

all further details: as for connection of 1 conductor

connection of 2 wires (of same cross-section)

for applications acc. to UL / CSA:

Cu AWG 18 - AWG 6

all further details: as for connection of 1 conductor

Material properties

halogen-free: Yes

Application notes

Not suitable for aluminium cables !

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

permitted power dissipation of the fuse-link: 4 W

for UL feeder circuits >250V

Accessories

connection accessories



31549 000

comb-type busbar, 3-pole, bridge type, pitch 18 mm

100 A, 1 m long

25 mm²



31550 000

connection terminal, front connection

6 - 35 mm²

for: 31549, 31561

<https://pim.woehner.de/EN/EN/1000051087>