

holder for cylindrical fuses, with LED (31925)



The picture may show a similar product.

Description

Part No.: **31925 000**

AMBUS Panel

holder for cylindrical fuses, with LED

Class J / 3P, box terminal 50 mm²

60 A / 600 V (27x60)

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 applications

Product group 16

Subgroup 06

pack size 2
EAN 4021267319250

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 H
UL 4248-8
UL 4248-1

Approvals

CSA , UL



for UL feeder circuits >250V

type number: AJC60

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>

Technical data

for fuse links size: Class J 60 A
fuse links acc. to standard: UL 248-8
permitted power dissipation of the fuse-link: 7 W

Details IEC

Standards

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

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 2.5 W.

(The power dissipation at full load would be 3.9 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

for Class J fuses 35 - 60A as per UL 248-8 (27x60)

indicator light

operating voltage range: 110 - 600 V AC / DC

Details UL

Standards

UL 4248-8

UL 4248-1

for UL feeder circuits >250V

suitable for field-installed conductors

Electrical data UL

rated current (UL): 60 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 75°C

SCCR: 200 kA

Mechanical data

W x H x D: 120 x 118 x 82

weight: 55.9 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: 20 mm

min. cross-section: 2.5 mm²

max. cross-section: 50 mm²

f: 2.5 - 50 mm²

f + AE: 2.5 - 50 mm²

(f + AE may not fit with max. cross-section)

Md min.: 3.2 Nm

Md max.: 4.8 Nm

Not suitable for aluminium cables !

min. cross-section UL: AWG 14

max. cross-section UL: AWG 1/0

torque (UL): 35 lb-in

for wires UL: Cu 75°C

connection of 2 wires (of same cross-section)

for applications acc. to IEC / EN:

Cu 2.5 - 16 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 14 - AWG 6

all further details: as for connection of 1 conductor

Material properties

halogen-free: Yes

Application notes

Not suitable for aluminium cables !

permitted power dissipation of the fuse-link: 7 W

for UL feeder circuits >250V

Accessories

fuse links



31360 000

fuse link 35 A
-Mersen-
600 V AC, time delay
Class J, 27x60



31361 000

fuse link 40 A
-Mersen-
600 V AC, time delay
Class J, 27x60



31362 000

fuse link 45 A
-Mersen-
600 V AC, time delay
Class J, 27x60



31363 000

fuse link 50 A
-Mersen-
600 V AC, time delay
Class J, 27x60



31364 000

fuse link 60 A
-Mersen-
600 V AC, time delay
Class J, 27x60



31511 000A

fuse link 35 A
-Mersen-
600 V AC, fast acting
Class J, 27x60



31512 000A

fuse link 40 A

-Mersen-

600 V AC, fast acting

Class J, 27x60



31514 000A

fuse link 50 A

-Mersen-

600 V AC, fast acting

Class J, 27x60



31515 000A

fuse link 60 A

-Mersen-

600 V AC, fast acting

Class J, 27x60

<https://pim.woehner.de/EN/EN/1000050149>