

holder for cylindrical fuses (31115)



Description

Part No.: 31115

AMBUS[®] Panel

holder for cylindrical fuses

14x51 / 1P

50 A / 690 V

System

DIN rail

Product group 17

Subgroup 09

pack size 6

EAN 4021267311155

Advantages of the product

large clamping range

holder for label

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 + A2:2015
GB/T 14048.3

Approvals

IEC (CB), CSA, UL, CCC



for UL feeder circuits >250V

type number: AES14x51

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: 2004010302117255

Product data

for fuse-links size: 14x51
fuse-link acc. to standard: IEC / HD 60269-2
permitted power dissipation of the fuse-link: 5 W

Details IEC

Standards

IEC 60947-1:2007 + A1:2010 + A2:2014
IEC 60947-3:2008 + A1:2012 + A2:2015
GB/T 14048.3

Electrical data IEC

Rated current (IEC): 50 A
rated voltage (IEC) AC: 690 V

rated isolation voltage U_i AC: 800 V
rated surge voltage U_{imp} : 6 kV

cond. short-circuit current with fuses (AC): 100 kA / 400 V (50 A)
100 kA / 500 V (40 A)
80 kA / 690 V (25 A)

approved with fuse links of operation class: gG

power dissipation of the article:

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.)

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. 5W for gG/gL
up to max. 3W for aM

Details UL

Standards

UL 4248-1

for UL feeder circuits >250V
for field-installed conductors

Electrical data UL

rated current (UL): 50 A
rated voltage (UL) AC: 600 V
rated voltage (UL) DC: 600 V
for wires UL: Cu 75°C

SCCR: 100 kA

Mechanical data

W x H x D: 27 x 90 x 69

weight: 9.7 kg/100

poles: 1-pole

degree of protection: IP20

front degree of protection: IP20

Terminal points

box terminal :

1,5 - 35 mm² / AWG 14 - AWG 2

flexible cables, directly or with wire-end ferrule

Md 2,5 - 3,0 Nm / 22 - 26 lb.in.

(flexible cables of maximum cross-section may not fit when using wire-end ferrule)

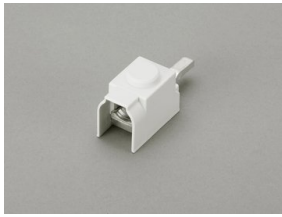
Material properties

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

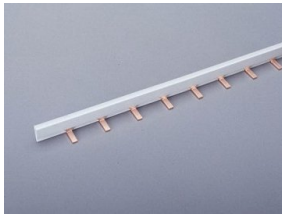
Connecting screws: screw +/- (PZ2), galvanized, chromized

Accessories



01198

connection terminal, front connection
for 31057
25 - 95 mm²
for: 31057



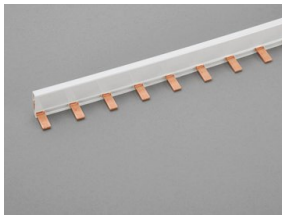
31014

comb-type busbar, 1-pole, bridge type, pitch 27 mm
80 A, 1 m long
16 mm²



31028

connection terminal, side connection
for 31014, 31024, 31309, 31311
6 - 50 mm²
for: 31014, 31024, 31309, 31311



31057

comb-type busbar, 1-pole, bridge type, pitch 27 mm
130 A, 1 m long
35 mm²



31269

connection kit 14x51, 2-pole
for 10 2-pole combinations 14x51