

holder for cylindrical fuses (31 120)



Description

Article

Part No.: 31 120

AMBUS® Panel

holder for cylindrical fuses

22 x 58 / 1P

100 A / 690 V

System

DIN rail

Product group 17

Subgroup 12

pack size 6

EAN 4021267311209

Advantages of the product

large clamping range

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eCl@ss 6.1 27142190
eCl@ss 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

Approvals

IEC (CB), CSA, UL, CCC



for UL feeder circuits >250V

Type number: AES22x58

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: 2012010302584095

Product data

Electrical data

Rated current (IEC): 100 A

Rated voltage (IEC) AC: 690 V

Rated current (UL): 80 A

Rated voltage (UL) AC: 600 V

Rated voltage (UL) DC: 600 V

Power dissipation:

The power dissipation at a typical load of 80% of the rated current results to 2.2 W.

(The power dissipation for operation with rated current would be 3.5 W.)

rated isolation voltage U_i (AC): 800 V
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: 80 kA / 690 V
100 kA / 500 V
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. 9.5W for gG/gL
up to max. 7W for aM

Mechanical data

W x H x D: 36 x 115 x 69
Weight: 15.8 kg/100
Poles: 1-pole

Terminal points

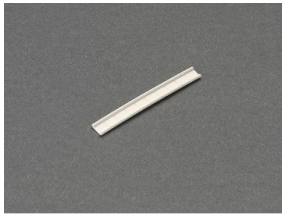
box terminal :
4 - 50 mm² / AWG 10 - AWG 1/0
flexible cables, directly or with wire-end ferrule
Md 3,5 - 4,0 Nm / 31 - 35 lb.in.

(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 200,
halogen-free
Fuse carrier: temperature stability 125°C,
self-extinguishing in acc. to UL 94,
creepage resistance CTI 600,
halogen-free
Connecting screw +/- (PZ2), galvanized, chromized
screws:

Accessories



31 939

label for AES

100x 10 pcs.

stock sale