

## 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 60947-1:2007 + A1:2010  
IEC 60947-3:2008 + A1:2012

### 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**

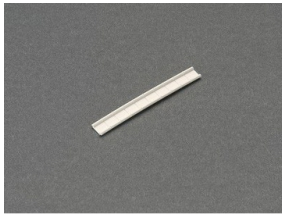
box terminal :  
4 - 50 mm<sup>2</sup> / AWG 10 - AWG 1/0  
flexible cables, directly or with wire-end ferrule  
Md 3,5 - 4,0 Nm / 31 - 35 lb.in.

(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**