



**Part No.: 31280**  
**AMBUS®EasySwitch**  
**holder for cylindrical fuses 14 x 51**  
**3-pole**  
**for semiconductor protection**

**Product Advantages :**

Large conductor cross-sections can be connected.  
Label can be attached.

**Standards :**

IEC 60947-1:2004  
IEC 60947-3:1999

**Approvals :**

IEC (CB), GOST, CCC, CSA, UL

Type No.: AES14x51

UL File Number: E230163, Category: IZLT2, [www.ul.com](http://www.ul.com)

CSA File Number: 110285, Class Number: 6225-01, <http://directories.csa-international.org>

CCC certificate: 2004010302117255

**Electrical Data :**

IEC, EN : 50 A, 690 V (50-60 Hz) / 440 V DC

UL : 50 A, 600 V (60 Hz)

CSA : 40 A, 600 V (60 Hz)

rated insulation voltage : 800 V

utilisation category to IEC 60947-3

AC-21B (690 V)

AC-22B (500 V)

AC-22B (690 V, 25 A)

**Electrical Data :**

Power dissipation:

The power dissipation of the device results in 1,7 W at a typical load with 80 % of the nominal current.

(The power dissipation is 2,7 W for application at nominal current.)

conditional rated short circuit current with fuse links gG

100 kA (400 V)

100 kA (500 V)

80 kA (690 V)

for fuse links to IEC / EN 60269-2-1(III) with rated power dissipation:

max. 5 W gG/gL

max. 3 W aM

for fuse links to aR / gR / gRL

max. 6.5 W may be developed, whereby

25 mm<sup>2</sup> lines must be attached at least

**Mechanical Data :**

Width x Height x Depth (mm): 81 x 90 x 69

Weight (g): 304

Fastening method:

clip-on mounting

**Connections :**

box terminal :

1,5 - 35 mm<sup>2</sup> / 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 Characteristics :**

Body:

temperature stability 120°C,

self-extinguishing in acc. to UL 94,

creepage resistance CTI 200,

Fuse carrier:

temperature stability 140°C,

self-extinguishing in acc. to UL 94,

creepage resistance CTI 200,

halogen-free

Connecting screws:

+/- (PZ2), galvanized, chromized

**Versions :**

standard version : part no. 31118

**Accessories to Article 31280 :**

31012 comb type busbar, insulated, 3-pole, bridge type

80 A, pitch 27 mm, 1 m long

31027 end cap

for 3-pole comb type busbars 16 mm<sup>2</sup>

**Accessories to Article 31280 :**

- 31029 connecting terminal  
for 3-pole comb type busbars
  
- 31056 comb bar, insulated, 3-pole, bridge type  
130 A, pitch 27 mm, 1 m long
  
- 31084 end cap  
for 3-pole comb-type busbars 35 mm<sup>2</sup>
  
- 31085 connecting terminal, front connection  
for 3-pole comb-type busbars
  
- 31939 label for AES  
100x 10 pcs.