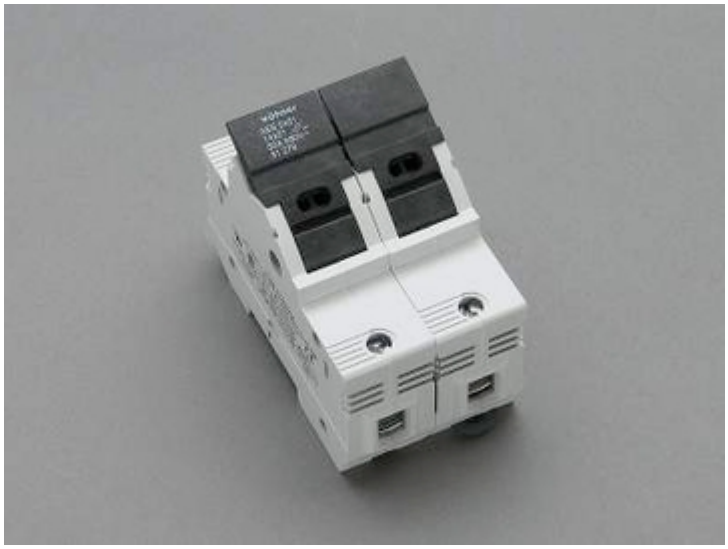
holder for cylindrical fuses, for semiconductor fuses (31 279)



Description

Article

Part No.: 31 279

AMBUS® Panel

holder for cylindrical fuses, for semiconductor fuses

14 x 51 / 2P

50 A / 690 V

System

DIN rail

Product group 17

Subgroup 09

pack size 3

EAN 4021267312794

Advantages of the product

large clamping range

holder for label

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Catalog page 2015 : 6/8

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

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

Electrical data

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

Rated current (UL): 50 A
Rated voltage (UL) AC: 600 V
Rated voltage (UL) DC: 600 V

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Power dissipation:
The power dissipation at a typical load of 80% of the rated current results to 1.2 W.
(The power dissipation for operation with rated current would be 1.8 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:	100 kA / 400 V
approved wth fuse links of characteristics:	gG

SCCR: 100 kA

for fuse links as per IEC / EN 60269-2 with permitted rated power dissipationsup to max. 5W for gG/gL up to max. 3W for aM for fuse links aR / gR / gRL under operating conditions up to max. 6.5W, for which at least 25mm² leads must be connected

Mechanical data

W x H x D:	54 x 90 x 69
Weight:	20.2 kg/100
Poles:	2-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)

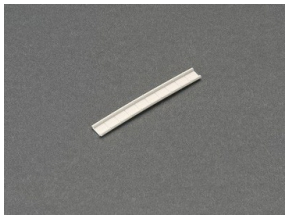
Material properties

Main body:	temperature stability 125°C, self-extinguishing in acc. to UL 94, creepage resistance CTI 600, halogen-free
Fuse carrier:	temperature stability 140°C, self-extinguishing in acc. to UL 94, creepage resistance CTI 200, halogen-free
Connecting screws:	screw +/- (PZ2), galvanized, chromized

Version

Standard version: Part no. 31117

Accessories



31 939
label for AES
100x 10 pcs.
stock sale

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