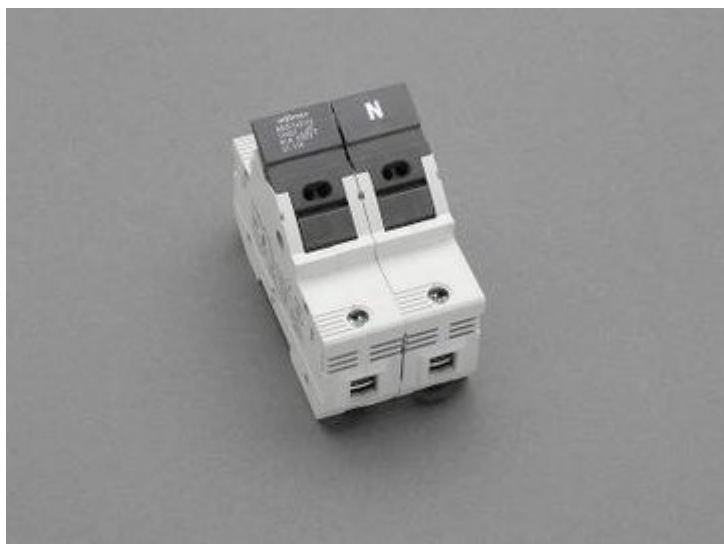


holder for cylindrical fuses (31116)



The picture may show a similar product.

Description

Part No.: 31116

AMBUS® Panel

holder for cylindrical fuses

14x51 / 1P + N

50 A / 690 V

N on right side

System

DIN rail

Product group 17

Subgroup 09

pack size 3

EAN 4021267311162

Advantages of the product

large clamping range
holder for label

catalog page 2020 : 6.6

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 , EAC



for UL feeder circuits >250V

type number: AES14x51

EAC Type: AES

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

Technical data

for fuse links size: 14x51

fuse links 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 1.4 W.

(The power dissipation for operation with rated current would be 2.2 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

suitable 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: 54 x 90 x 69
 weight: 21.8 kg/100
 poles: 1-pole+N

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



SCATTERGOOD & JOHNSON LTD

ELECTRICAL ENGINEERING & FLUID CONTROL DISTRIBUTORS

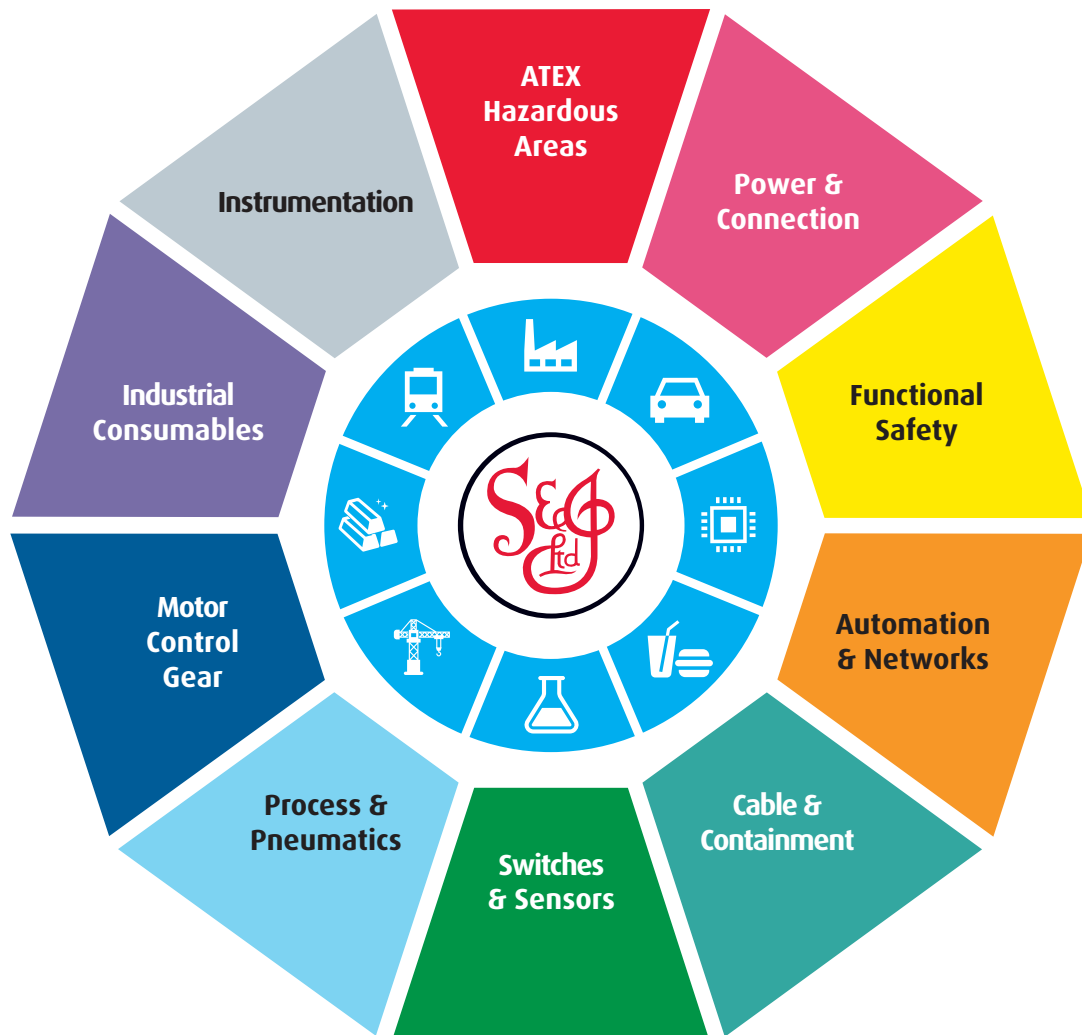
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