

switch-disconnector for D0 fuses up to 63 A (31 314)



Description

Article

Part No.: 31 314

SECUR[®] Panel

switch-disconnector for D0 fuses up to 63 A

3P

System

DIN rail

Product group 03

Subgroup 84

pack size 1

EAN 4021267313142

Advantages of the product

Double function terminal

any feed direction

captive fuse carrier

sealable operation

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eCl@ss 6.1 27142110
eCl@ss 7.1 27142110
ETIM 4.0 EC000277
ETIM 5.0 EC000277

Approvals

Standards

IEC 60947-1:2007 + A1:2010
IEC 60947-3:2008 + A1:2012
VDE 0638/09.81

Approvals

Germanischer Lloyd, VDE, CCC



Type number: APS-D0

CCC certificate: 2015010302770076

Product data

Electrical data

Rated current (IEC): 63 A
Rated voltage (IEC) AC: 400 V
Rated voltage (IEC) DC: 130 V

Utilisation category AC (IEC 60947-3): AC-22B

Power dissipation:

The power dissipation at a typical load of 80% of the rated current results to 5 W.
(The power dissipation for operation with rated current would be 7.8 W.)

rated isolation voltage U_i (AC): 500 V
Rated surge voltage U_{imp} : 6 kV
max. permitted voltage (IEC) AC: 500 V

cond. rated short-circuit current with fuses: 50 kA / 400 V AC
approved with fuse links of characteristics: gG

for fuse links and gauge rings as per DIN VDE 0636-3 IEC / EN 60269-3
utilisation category as per VDE 0638□ : AC-22

The function of isolation between incoming and outgoing contacts is provided by the opening of the switching mechanism as required in the standard.

Mechanical data

W x H x D: 81 x 90 x 70
Weight: 42 kg/100
Poles: 3-pole

front degree of protection: IP20

Terminal points

box terminal :
1,5 - 35 mm² flexible cables, directly or with wire-end ferrule
(flexible cables of maximum cross-section may not fit when using wire-end ferrule)
1,5 - 10 mm² solid
Md 2,5 - 3 Nm

2 cables can be connected, when both chambers of the terminal are used
the maximum combination is 35mm² + 16mm²

Material properties

Body: temperature stability 125°C,
self-extinguishing in acc. to UL 94,
creepage resistance CTI 200,
halogen-free
Handle: temperature stability 125°C,
self-extinguishing in acc. to UL 94,
creepage resistance CTI 600,
halogen-free
Fuse carrier: temperature stability 150°C,
self-extinguishing in acc. to UL 94,
creepage resistance CTI 125,
halogen-free
Connecting screws: screw +/- (PZ2), galvanized, chromized

Reference

D02-Sicherungseinsätze mit versilberten Endkappen verwenden

Version

1P : Part no. 31 307

1P+N : Part no. 31 308

2P : Part no. 31 313

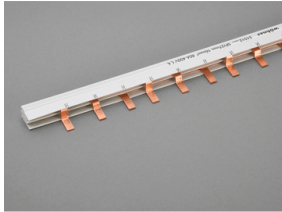
3P+N : Part no. 31 315

Accessories



01 228

connecting terminal, front connection
for comb-type busbars 31 056
25 - 95 mm²



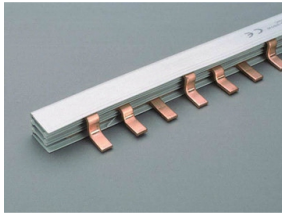
31 012

comb type busbar, insulated, 3-pole, bridge type
80 A, pitch 27 mm, 1 m long
16 mm²



31 029

connecting terminal, side connection
for comb-type busbars 31 012
6 - 50 mm²



31 056

comb bar, insulated, 3-pole, bridge type
130 A, pitch 27 mm, 1 m long
35 mm²



31 085

connecting terminal, front connection
for comb-type busbars 31 012
6 - 50 mm²



31 316

pilot switch, to monitor the switch position
1 NO / 1 NC : 400 V AC / 2 A; 24 V DC / 6 A



31 902
reducer for D01 fuses