

NH fuse switch-disconnector size 00, 160 A, panel mounting (33 200)



Description

Article

Part No.: 33 200

QUADRON® Panel

NH fuse switch-disconnector size 00, 160 A, panel mounting
connection screw M8

System

Mounting plate

Product group 09

Subgroup 03

pack size 1

EAN 4021267332006

Advantages of the product

For safe connection of the leads, the shock protection is split into 2. Self-closing inspection holes are available in the cover.

Catalog page 2015 : 6/19

eCl@ss 6.1 27142108
eCl@ss 7.1 27142108
ETIM 4.0 EC001040
ETIM 5.0 EC001040

Approvals

Standards

IEC 60947-1:2007 + A1:2010 + A2:2014
IEC 60947-3:2008 + A1:2012

Approvals

IEC (CB), Germanischer Lloyd, CCC



Type number: LTS-00

CCC certificate: 2004010302117250

Product data

Electrical data

Rated current (IEC): 160 A
Rated voltage (IEC) AC: 690 V
Rated voltage (IEC) DC: 440 V

Utilisation category AC-23B (400V)
AC (IEC 60947-3) : AC-23B (500V/125A)
AC-22B (690V)
AC-21B (690V)
AC-20B (1000V) at pollution degree 2

visible information required if used at more than 690V AC: do not switch under load

Utilisation category DC specifications: 2 current paths (L1,L3) in series
DC (IEC 60947-3) : DC-22B (220V)
DC-22B (440V/125A)
DC-21B (440V)
DC-20B (1000V) at pollution degree 2

visible information required if used at more than 440V DC: do not switch under load

Power dissipation:

The power dissipation at a typical load of 80% of the rated current results to 4.5 W.
(The power dissipation for operation with rated current would be 7 W.)

rated isolation voltage U_i (AC): 800 V
Rated surge voltage U_{imp} : 6 kV
max. permitted voltage (IEC) AC: 800 V
max. permitted voltage (IEC) DC: 800 V

cond. rated short-circuit current with fuses: 50 kA / 690V
approved with fuse links of characteristics: gG

for fuse links IEC 60269-2-1 (I) / DIN VDE 0636-201 size 00 up to 12W power dissipation

In accordance with the specified AC and DC switching properties and in consideration of the overload conditions, the distances to earthed metal parts given below are to be adhered to. - top 150mm, side 55mm

When used as a disconnecter, the spacings can be ignored.

Degree of protection IP30 at front, degree of protection near terminal depends on installation

Mechanical data

W x H x D: 106 x 176 x 83

Weight: 77.7 kg/100

Poles: 3-pole

front degree of protection: IP30

Terminal points

screw M8

Accessories:

Clamp connection: Cu 1.5-70mm² s(r), f+AE; la. Cu 12x1-10; 3Nm torque

single wedge clamp terminal: Cu, Al* 16-70mm² s(r), s(s), f+AE; 3Nm torque

tunnel terminal 3x Cu 1.5-16mm² s(r), f+AE; 3Nm torque

*Connections not maintenance-free if aluminium conductors are used.

Material properties

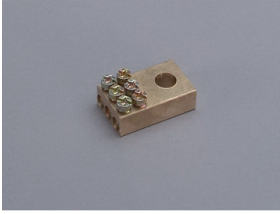
Main body: temperature stability 125°C,
self-extinguishing in acc. to UL 94,
creepage resistance CTI 200,
halogen-free

Shock protection cover: temperature stability 125°C,
self-extinguishing in acc. to UL 94,
creepage resistance CTI 200

Handle: temperature stability 125°C,
self-extinguishing in acc. to UL 94,
creepage resistance CTI 200

Contacts: spring-loaded copper contacts, silver plated

Accessories



01 182

tunnel terminal

1 x 2,5 - 16mm² + 2 x 2,5 - 25mm²

size 00



03 727

Clamp connector

70 mm²

size 00



03 849

lid interlock

for sealing wire

Size 00

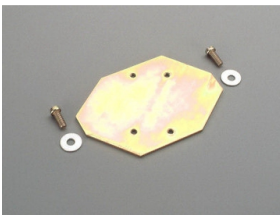


33 156

pilot switch for lid position

pilot switch: 250V AC / 5A; 30V DC / 4A

Size 000, 00, 2, 3



33 193

rapid mounting set

busbar distance 125 mm or 150 mm

size 00

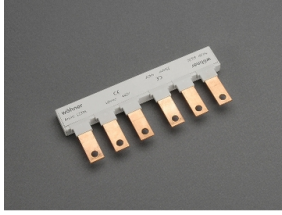


33 224

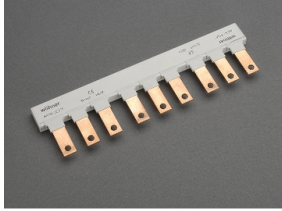
Wedge clamp terminal for switch disconnecter

for 16-70 mm², Cu and Al

size 00

**33 376**

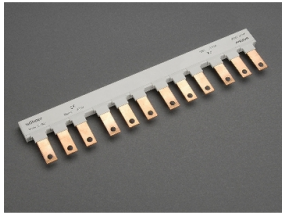
comb type busbar, 3-pole, for 2 NH fuse switch disconnectors
size 00, 33200
35mm²

**33 377**

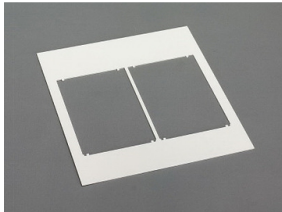
comb type busbar, 3-pole, for 3 NH fuse switch disconnectors
size 00, 33200
35mm²

**33 378**

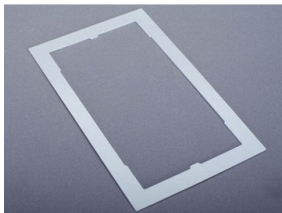
connecting terminal, front connection
for NH-fuse switch disconnector and comb type busbar
25 - 95 mm²

**33 392**

comb type busbar, 3-pole, for 4 NH fuse switch disconnectors
size 00, 33200
35mm²

**78 105**

Trim frame, double
232 x 210, not for 33221, 33222
size 00

**78 893**

Trim frame, single
130 x 210, not for 33221, 33222
size 00

**79 811**

cover for connecting space
for 33 200, 33 208, 33 329, 33 394, 33 398, 33 420
size 00