

NH fuse switch-discon. size 1, 250 A, panel mounting (33 330)



Description

Article

Part No.: 33 330

QUADRON[®] Panel

NH fuse switch-discon. size 1, 250 A, panel mounting

connection screw M10

with electronic fuse monitoring

System

Mounting plate

Product group 09

Subgroup 07

pack size 1

EAN 4021267333300

Advantages of the product

For safe connection of the lines, the shock protection is split into 2.

Self-closing inspection holes are available in the cover.

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), VDE



Type number: QCB-NH1

Product data

Electrical data

Rated current (IEC): 250 A

Rated voltage (IEC) AC: 690 V

Rated voltage (IEC) DC: 250 V

Utilisation category AC-22B (400V)

AC (IEC 60947-3) : AC-23B (400V/160A)

AC-21B (500 V)

to obtain a higher utilisation category the product can be retrofitted with arcing chambers (see accessories)

Power dissipation:

The power dissipation at a typical load of 80% of the rated current results to 8.3 W.

(The power dissipation for operation with rated current would be 13 W.)

rated isolation voltage U_i (AC): 800 V
Rated surge voltage U_{imp} : 2 kV
max. permitted voltage (IEC) AC: 690 V
max. permitted voltage (IEC) DC: 250 V

cond. rated short-circuit current with fuses: 80 kA / 690 V
approved with fuse links of characteristics: gG

for fuse links IEC 60269-2-1 (I) / DIN VDE 0636-201 size 1 up to 23W power dissipation, with grip lugs under voltage

Entsprechend den angegebenen AC- und DC- Schalteigenschaften und unter Berücksichtigung der Überlastbedingungen, sind gewisse Abstände zu geerdeten Metallteilen einzuhalten. Nähere Informationen auf Anfrage.

Bei Verwendung als Trennschalter ist die Einhaltung der Abstände nicht erforderlich.

Schutzart IP30 frontseitig, im Anschlussbereich vom Einbau abhängig

Elektronische Sicherungsüberwachung:

- Zur Erkennung von Sicherungsausfällen mit Bemessungsspannung AC 100V bis AC 690V
- Keine Hilfsenergie erforderlich; Versorgung über Netzspannung
- Hilfskontakte potentialfrei
- LED- Blinkmelder (rot/grün)
- Testtaster
- Weitere Informationen unter Downloads / Datenblatt

Mechanical data

W x H x D: 184 x 243 x 152
Weight: 229 kg/100
Poles: 3-pole

front degree of protection: IP30

Terminal points

screw M10

Material properties

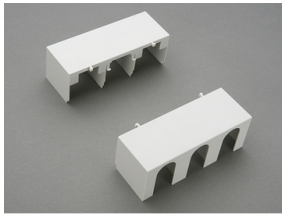
Main body:	temperature stability 125°C, self-extinguishing in acc. to UL 94, creepage resistance CTI 200, halogen-free
Shock protection cover:	temperature stability 125°C, self-extinguishing in acc. to UL 94, creepage resistance CTI 200
Handle:	temperature stability 125°C, self-extinguishing in acc. to UL 94, creepage resistance CTI 200, halogen-free
Contacts:	spring-loaded copper contacts, silver plated

Version

Variant without electromechanical fuse monitoring: 33 149

Variant without fuse monitoring: 33 201

Accessories



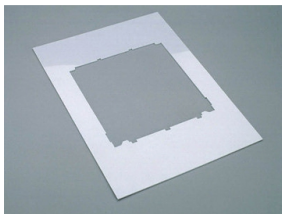
33 142

cover for cable lugs
for NH fuse switch disconnecter size 1



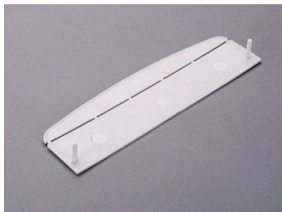
33 145

prism terminal, double
2x 35-70 mm²
size 1



33 152

Trim frame
215 x 330
size 1



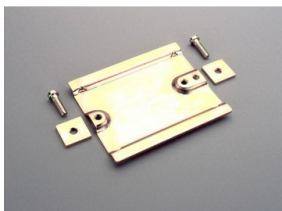
33 155

barrier for handle
for fuse switch-disconnector size 1-3



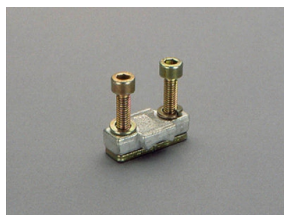
33 157

lid interlock
for sealing wire and padlocks
Size 1 - 3



33 158

rapid mounting set
rails centre distance 125 mm or 150 mm
size 1 - 2

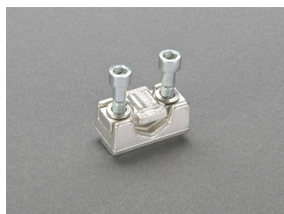


33 163

clamp-type connection

70-150 mm²

size 1



33 166

prism terminal for fuse switch-disconnector

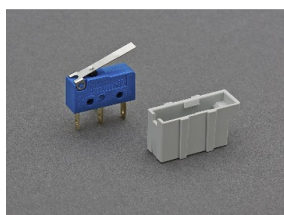
35-150mm², Cu and Al

size 1



33 909

box terminal

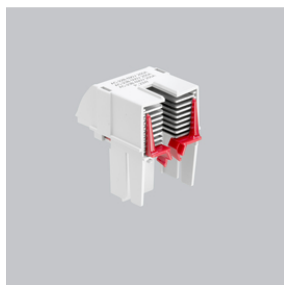


33 917

pilot switch for lid position

pilot switch: 1 reversing switch: 250V AC / 5A; 30V DC / 4A

Size 1



33 918

arcing chamber

QCB-NH1