

NH fuse switch-discon. size 2, 400 A, panel mounting (33 331)



Description

Article

Part No.: 33 331

QUADRON[®] Panel

NH fuse switch-discon. size 2, 400 A, panel mounting

connection screw M10

with electronic fuse monitoring

System

Mounting plate

Product group 09

Subgroup 10

pack size 1

EAN 4021267333317

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), Germanischer Lloyd, KEMA, CCC



Type number: LTS-2

CCC certificate: 2004010302117262

Product data

Electrical data

Rated current (IEC): 400 A

Rated voltage (IEC) AC: 690 V

Rated voltage (IEC) DC: 250 V

Utilisation category AC (IEC 60947-3) : AC-23B (400V)

AC-22B (500 V)

AC-21B (500 V)

Power dissipation:

The power dissipation at a typical load of 80% of the rated current results to 14.1 W.

(The power dissipation for operation with rated current would be 22 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: 50 kA / 690 V
approved with fuse links of characteristics: gG

for fuse links IEC 60269-2-1 (I) / DIN VDE 0636-201 size 2 up to 34W 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: 210 x 288 x 169
Weight: 380 kg/100
Poles: 3-pole

front degree of protection: IP30

Terminal points

screw M10 :
Md 30 - 35 Nm

Accessories:

Clamp connection: Cu 120-240mm² s(r), f+AE; la. Cu 21x1-14; 6-8Nm torque
single wedge clamp terminal: Cu, Al* 120-240mm² s(r), s(s), f, f+AE; 6-8 Nm torque
double wedge clamp terminal: Cu 2x 70-120mm² s(r), s(s), f+AE; 6-8Nm torque

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

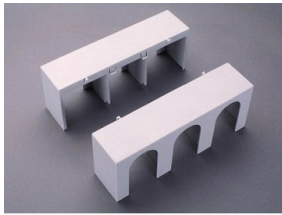
Material properties

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, halogen-free
Contacts:	spring-loaded copper contacts, silver plated

Version

Variant without electromechanical fuse monitoring: 33 150 Variant without fuse monitoring: 33 202

Accessories



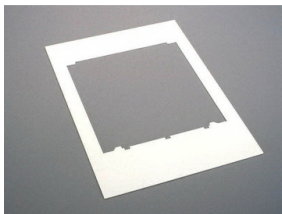
33 143

cover for cable lugs
for NH fuse switch disconnecter size 2



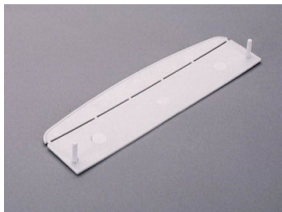
33 146

prism terminal, double
2x 70 - 120 mm²
size 2



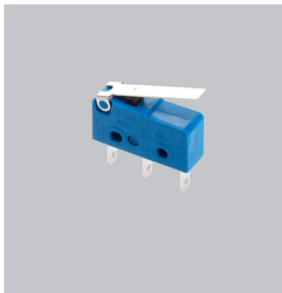
33 153

Trim frame
248 x 330
size 2



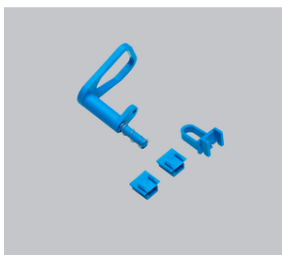
33 155

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



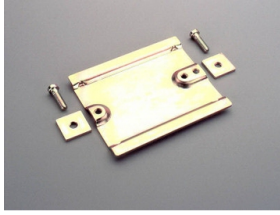
33 156

pilot switch for lid position
pilot switch: 250V AC / 5A; 30V DC / 4A
Size 000, 00, 2, 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



33 164

clamp-type connection

120-240 mm²

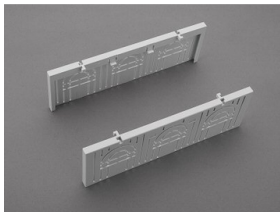
size 2



33 167

prism terminal for fuse switch-disconnector

50-150/120-240 mm², Cu and Al



33 418

connection shroud

for NH fuse switch-disconnector size 2