

NH fuse switch-disconnector size 00, 160 A, panel mounting (33 328)



Description

Article

Part No.: 33 328

QUADRON® Panel

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

connection cleat

with electronic fuse monitoring

System

Mounting plate

Product group 09

Subgroup 04

pack size 1

EAN 4021267333287

Advantages of the product

self-closing inspection holes are available in the cover, shock protection split into 2 for safe connection

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), 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: 250 V

Utilisation category AC (IEC 60947-3) : AC-23B (400 V),
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 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} : 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 / 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, 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: 106 x 176 x 123
Weight: 93 kg/100
Poles: 3-pole

front degree of protection: IP30

Terminal points

clamp-type terminals :

1,5 - 70 mm²

flexible cables with wire-end ferrule,

stranded round cables,

la. Cu max. 12 mm wide, max. 10 mm thick

Md 3 Nm

(flexible cables of maximum cross-section may not fit when using wire-end ferrule)

Accessory:

Screw connection: M8 / 70mm²; 12 - 14Nm torque

Single prism clamp: 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.

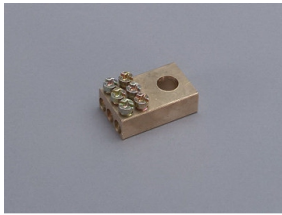
Material properties

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

Version

Variant without electromechanical fuse monitoring: 33 207 Variant without fuse monitoring: 33 199

Accessories



01 182

tunnel terminal

1 x 2,5 - 16mm² + 2 x 2,5 - 25mm²

size 00



03 849

lid interlock

for sealing wire

Size 00

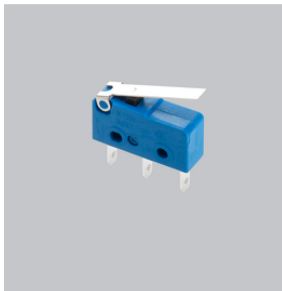


30 894

M8 screw connector

with spring washer

size 00

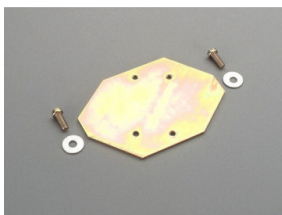


33 156

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

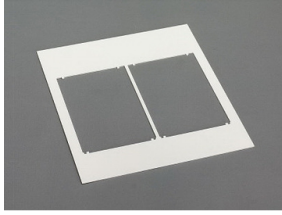


33 224

Wedge clamp terminal for switch disconnectors

for 16-70 mm², Cu and Al

size 00

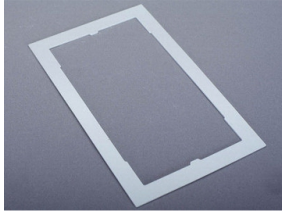


78 105

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