

NH fuse switch-disconnector size 00, 160 A, panel mounting (33 208)



Description

Article

Part No.: 33 208

QUADRON® Panel

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

connection screw M8

with electromechanical fuse monitoring

System

Mounting plate

Product group 09

Subgroup 04

pack size 1

EAN 4021267332082

Advantages of the product

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

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-23B (500 V / 125A)
	AC-22B (690 V)
	AC-21B (690 V)
Utilisation category DC (IEC 60947-3) :	DC specifications: 2 current paths (L1,L3) in series
	DC-22B (250V)

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: 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 angegeben 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

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

rated operating voltage

AC 24-690V, DC 24-250V

potential-free opener and closer:

AC-15 24V/2A, (230V* 0.5A)

DC-13 24V/1A, 60V 0.15A

*pollution degree 2, surge category II
auxiliary energy not required,
for further information, see assembly manual

Mechanical data

W x H x D: 106 x 176 x 157

Weight: 126 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,
halogen-free

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



30 894

M8 screw connector

with spring washer

size 00

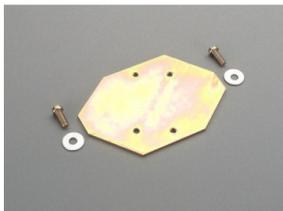


33 156

pilot switch for lid position

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

Size 000, 00, 2, 3



33 193

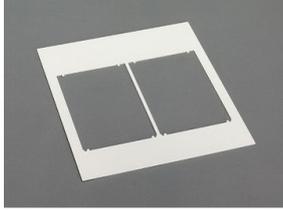
rapid mounting set

busbar distance 125 mm or 150 mm

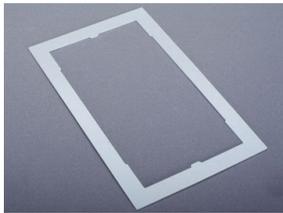
size 00

**33 224**

Wedge clamp terminal for switch disconnector
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