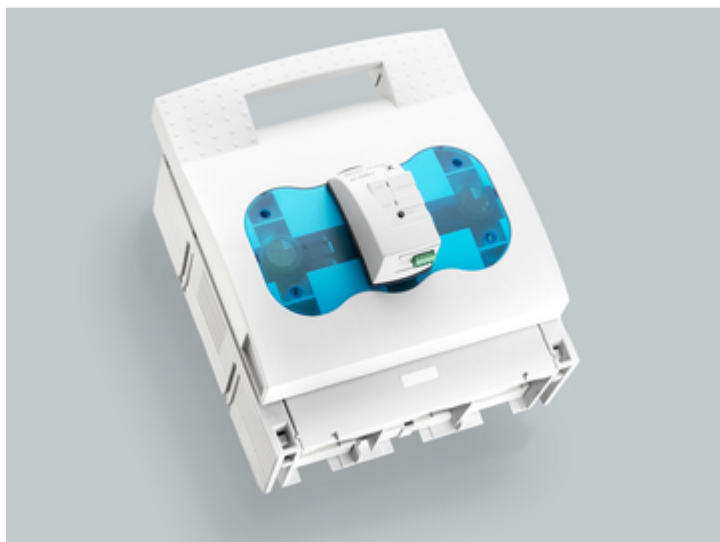


NH fuse switch-discon. size 3, 630 A, panel mounting (33 151)



Description

Article

Part No.: 33 151

QUADRON[®] Panel

NH fuse switch-discon. size 3, 630 A, panel mounting

connection screw M12

with electromechanical fuse monitoring

System

Mounting plate

Product group 09

Subgroup 13

pack size 1

EAN 4021267331511

Advantages of the product

Disconnectors are equipped with arc chambers.

The shock protection is split into 2 for safe connection of the conductors.

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-3

CCC certificate: 2004010302117263

Product data

Electrical data

Rated current (IEC): 630 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 (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 23 W.

(The power dissipation for operation with rated current would be 36 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 / 690 V
approved with fuse links of characteristics: gG

for fuse links IEC 60269-2-1 (I) / DIN VDE 0636-201 size 3 up to 48W 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.

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

fuse monitoring:
AC24 - 690V, DC24 - 250V, 100kA,
auxiliary energy not required,
potential-free opener and closer

Mechanical data

W x H x D: 256 x 300 x 218
Weight: 556 kg/100
Poles: 3-pole

front degree of protection: IP30

Terminal points

screw M12 :
Md 35 - 40 Nm

Accessories:

Clamp connection: Cu 150-300mm² s(r), f+AE; la. Cu 25x1-13; 6-8Nm torque
single wedge clamp terminal: Cu, Al* 150-300mm² s(r), s(s), f, f+AE; 6-8Nm torque

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

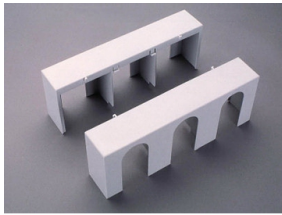
Material properties

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 with electronic fuse monitoring: 33 332 Variant without fuse monitoring: 33 203

Accessories



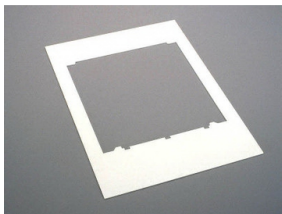
33 144

cover for cable lugs
for NH fuse switch disconnecter size 3



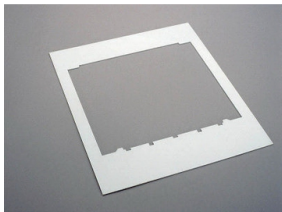
33 147

prism terminal, double
2x 150 mm²
size 3



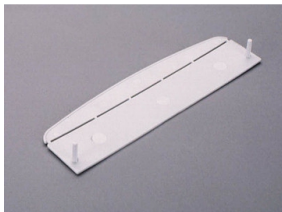
33 153

Trim frame
248 x 330
size 2



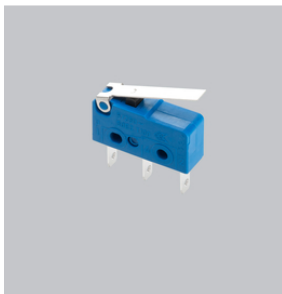
33 154

Trim frame
290 x 330
size 3



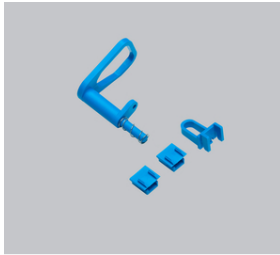
33 155

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

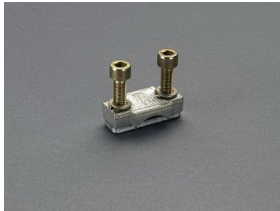


33 156

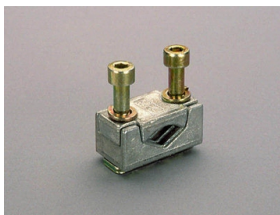
pilot switch for lid position
pilot switch: 250V AC / 5A; 30V DC / 4A
Size 000, 00, 2, 3



33 157
lid interlock
for sealing wire and padlocks
Size 1 - 3



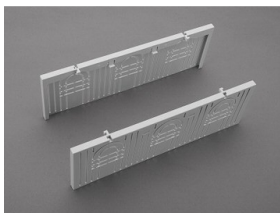
33 165
clamp-type connection
150-300 mm²
size 3



33 168
prism terminal for fuse switch-disconnector
150-300 mm², Cu and Al
size 3



33 385
prism terminal, double
2x 185 mm²
size 3



33 419
connection shroud
for NH fuse switch-disconnector size 3, maximum 600A



33 272
extension for 2 cable lugs
size 3