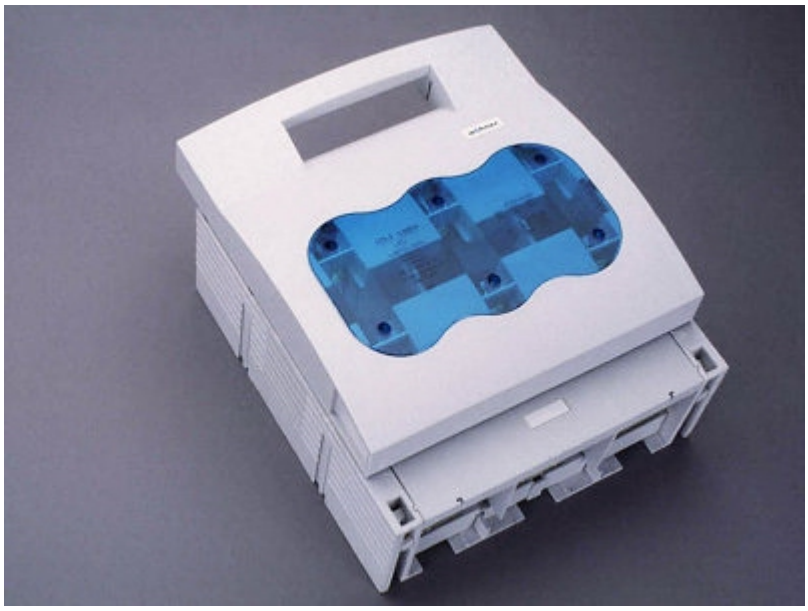


Part No.: 33203
QUADRON®CrossLinkBreaker
NH fuse switch disconnector size 3, 630 A
3-pole, panel-mounting

Product Advantages :

Disconnectors are equipped with arc chambers.
The shock protection cover is in 2 pieces to provide for reliable connection of cables.
The lid is provided with self-closing inspection holes.

Standards :

IEC 60947-1:2004
IEC 60947-3:1999
IEC 60947-1:2007
IEC 60947-3:2008
EN 60947-1:2007
EN 60947-3:2009
DIN EN 60947-1/04.08
DIN EN 60947-3/02.10

Approvals :

IEC (CB), Niederlande, Germanischer Lloyd, GOST, CCC

Type No.: LTS3

CCC certificate: 2004010302117263

Wöhner reserves the right to make modifications to its components, as the result of developments and technical advances.

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Electrical Data :

690 V AC / 630 A
conditional rated short circuit current 50 kA (with fuse links gL/gG)
switching capacity / application categories AC23 B (400 V),
AC22 B (690 V), AC21 B (690 V), DC22 B (440 V), DC21 B (440 V),
AC20B (1000 V), DC20B (1000 V) pollution degree 2
visible instruction necessary; if application more than DC 440V /AC 690V: do not operate under load

DC specifications: 2 current paths (L1, L2) in series

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

According to the AC and DC switching characteristics and in consideration of the overload conditions, the following distances to earth metal parts have to be provided.
- top 300mm, side 130mm
By using as a disconnector (switching not under load) the mentioned distances are not applicable.

Power dissipation:
The power dissipation of the device results in 23 W at a typical load with 80 % of the nominal current.
(The power dissipation is 36 W for application at nominal current.)

Degree of protection IP30 (front side); degree of protection near terminal depends on installation

Mechanical Data :

Width x Height x Depth (mm): 256 x 300 x 143
Weight (g): 4900
fastened by screw mounting

Connections :

Accessories:

Clamp: Cu 150-300 mm² rm, f+AE; la. Cu 25x1-13; 6-8 Nm tightening torque

Wedge clamp (single): Cu, Al* 150-300 mm² rm, sm, f, f+AE; 6-8 Nm tightening torque

Wedge clamp (double): Cu 2x150-185 mm² rm, sm, f+AE; 6-8 Nm tightening torque

*not maintenance free when aluminium conductors are used
screw M12 :
Md 35 - 40 Nm

Material Characteristics :

Main body:
temperature stability 150°C,
self-extinguishing in acc. to UL 94
halogen-free

Shock protection cover:
temperature stability 125°C,
self-extinguishing in acc. to UL 94,
creepage resistance CTI 200,
halogen-free

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Material Characteristics :

Handle:
- temperature stability 125°C,
- self-extinguishing in acc. to UL 94,
- creepage resistance CTI 200,
- halogen-free

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

Connecting screws:
- hexagon head cap screw M12
- wrench size 18
- galvanized, chromized

Adapter plate:
- temperature stability 150°C,
- self-extinguishing in acc. to UL 94
- halogen-free

Versions :

See 33 332 for variant with fuse monitoring.
See 33 151 for variant with electromechanically fuse monitoring.

Accessories to Article 33203 :

33154 trim frame
- 290 x 330

33155 Barrier for handle
- for fuse switch-disconnector size 1-3

33156 pilot switch for lid position
- 1 N / 1 NC : 250 V AC / 5 A; 30 V DC / 4 A

33157 lid interlock
- for fuse switch-disconnector size 1-3

33159 label
- Clip, 30 x 10 mm

33165 clamp-type connection
- 150-300 mm²

33168 prism terminal for fuse switch-disconnector
- 150-300 mm², Cu and Al, not maintenance free when aluminium conductors are used

33385 prism terminal, double
- 2x 185 mm²

33147 prism terminal, double
- 2x 150 mm²

33419 connection shroud
- for NH fuse switch-disconnector size 3, maximum 600A

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Accessories to Article 33203 :

33144 cover for cable lugs
for fuse switch-disconnector size 3

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