



**Part No.: 33203**  
**QUADRON®CrossLinkBreaker**  
**NH fuse switch disconnecter 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

**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 disconnecter (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 mm<sup>2</sup> rm, f+AE; la. Cu 25x1-13; 6-8 Nm tightening torque

Wedge clamp (single): Cu, Al\* 150-300 mm<sup>2</sup> rm, sm, f, f+AE; 6-8 Nm tightening torque

Wedge clamp (double): Cu 2x150-185 mm<sup>2</sup> 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

**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 mm<sup>2</sup>

33168 prism terminal for fuse switch-disconnector  
150-300 mm<sup>2</sup>, Cu and Al, not maintenance free when aluminium conductors are used

33385 prism terminal, double  
2x 185 mm<sup>2</sup>

33147 prism terminal, double  
2x 150 mm<sup>2</sup>

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

**Accessories to Article 33203 :**

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