



**Part No.: 33200**

**QUADRON®CrossLinkBreaker**

**NH fuse switch disconnecter size 00, 160 A,**

**3-pole, panel-mounting, standard version, screw-type terminal on both sides,**

**Product Advantages :**

The shock protection cover is in 2 pieces to provide for safe 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), Germanischer Lloyd, GOST, CCC

Type No.: LTS00

CCC certificate: 2004010302117250

**Electrical Data :**

690 V AC / 160 A

conditional rated short circuit current 50 kA (with fuse links gL/gG)

switching capacity / application categories AC23 B (400 V), AC23 B (500V / 125A),

AC22 B (690 V), AC21 B (690 V),

DC22 B (220V), DC22 B (440V / 125A), DC 21 B (440V),

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

for fuse links to IEC 60269-2-1 (I) / DIN VDE 0636-201 size 00 up to 12 W

AC20B (1000 V), DC20B (1000 V) pollution degree 2

visible instruction necessary; if application more than DC 440V / AC 690V or AC 160A: do not operate under load

Conv. therm. current 200A (AC 20B), with knife link part. no. 03161, and cable Cu 95mm<sup>2</sup>

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 150mm, side 55mm

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 4,5 W at a typical load with 80 % of the nominal current.

(The power dissipation is 7 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): 106 x 176 x 83

Weight (g): 777

fastened by screw mounting, clip-on mounting by 33 193

**Connections :**

Accessories:

Clamp: Cu 1,5 -70mm<sup>2</sup> rm, f+AE; la. Cu 12x1-10; 3 Nm torque

Wedge clamp (single): Cu, Al\* 16-70mm<sup>2</sup> rm, sm, f+AE; 3 Nm torque

Tunnel terminal: 3x Cu 1.5-16mm<sup>2</sup> rm, f+AE; 3 Nm tightening torque

\*not maintenance free when aluminium conductors are used

screw M8 :

Md 12 - 14 Nm

**Material Characteristics :**

Main body:

temperature stability 120°C,

self-extinguishing in acc. to UL 94,

creepage resistance CTI 200,

Shock protection cover:

temperature stability 120°C,

self-extinguishing in acc. to UL 94,

creepage resistance CTI 200

**Material Characteristics :**

Handle:

temperature stability 120°C,  
self-extinguishing in acc. to UL 94,  
creepage resistance CTI 200

Contacts:

spring-loaded contacts,  
copper, silver plated

**Accessories to Article 33200 :**

01182 tunnel terminal

3 x 1.5 - 16 mm<sup>2</sup>

03727 clamp-type connection

size 00

03849 lid interlock

for fuse switch-disconnector size 00

33156 pilot switch for lid position

1 N / 1 NC : 250 V AC / 5 A; 30 V DC / 4 A

33193 rapid mounting set

busbar distance 125 mm or 150 mm

33224 prism terminal for fuse switch-disconnector

for 16-70 mm<sup>2</sup>, Cu and Al

78105 double trim frame

232 x 210, not for 33221, 33222

78893 trim frame

130 x 210, not for 33221, 33222

79811 cover for connecting space

for 33197, 33198, 33199, 33200

33376 comb type busbar, for 2 NH fuse switch disconnectors

size 00, 33200

33377 comb type busbar, for 3 NH fuse switch disconnectors

size 00, 33200

33378 connecting terminal, front connection

for NH-fuse switch disconnector and comb type busbar

33392 comb type busbar, for 4 NH fuse switch disconnectors

size 00, 33200