



**Part No.: 33198**  
**QUADRON®CrossLinkBreaker**  
**NH fuse switch disconnecter size 00, 160 A**  
**3-pole, 60 mm system, top and bottom by rotating,**  
**for busbars 12,15,20,25,30x5/10, double-T and triple-T- section**

**System :**  
60mm-System classic

**Product Advantages :**  
Adapter system for CrossLink® Technology  
Safe and quick refitting of top / bottom connection, live parts remain shock protected  
Snap on busbar provides easy and secure contacts  
The shock protection cover is in 2 pieces to provide for safe connection of cables  
Can be mounted over the flat busbar supports

**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 :**  
VDE, IEC (CB), Germanischer Lloyd, GOST, CCC

Type No.: QCB-NH 00

CCC certificate: 2010010302403934

**Electrical Data :**

690 V AC / 440 V DC / 160 A  
type of current AC (50-60Hz) / DC  
rated insulation voltage 800V  
rated surge withstand capacity 6kV  
conditional rated short circuit current 50 kA

utilisation categories AC-21B (690 V), AC-22B (500 V), DC-21B (220 V), DC-21B (440 V / 100 A),  
DC-22B (220 V / 63A)

DC specifications: 2 current paths (L1, L2) in series  
with fuse links gL/gG 500V/160A,690V/125A

for fuse links to IEC 60269-2 / DIN VDE 0636-2 size 00 up to 12 W

AC-20B (1000 V), DC-20B (1000 V) pollution degree 2  
if application more than DC 440V /AC 690V or AC 160A: do not operate under load

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 100mm, side 50mm

By using as a disconnector (switching not under load) the mentioned distances are not applicable.

Component unit, front side degree of protection IP30 according to DIN EN 60529; degree of  
protection near terminal depends on installation.

Adapter module, front side degree of protection IP20 according to DIN EN 60529 (safety against  
finger touch).

**Mechanical Data :**

Width x Height x Depth (mm): 106 x 200 x 97

Weight (g): 1000

busbar connection: screw less with externally spring-loaded contacts, easy adjustment from 5 to 10  
mm busbars and reverse

**Connections :**

Box terminal:

1,5 -70mm<sup>2</sup> flexible cables, directly or with wire-end ferrules\*, depending on contour of the insulated  
lead 95mm<sup>2</sup> could be connectable

1,5 -10mm<sup>2</sup> solid round

16 -70mm<sup>2</sup> stranded round

2x10mm<sup>2</sup>, 2x16mm<sup>2</sup> and 2x25mm<sup>2</sup> flexible with wire-end ferrules, identical cables placed side by  
side, crimping square

2x 10-35mm<sup>2</sup> flexible identical cables placed side by side

la. Cu. 9-13 mm wide

Terminal space 13mm x 13mm

(\*flexible cables of maximum cross-section may not fit when using wire-end ferrule)

**Material Characteristics :**

Main body:

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

Shock protection cover:

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

Handle:

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

Adapter plate:

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

Contacts:

spring-loaded contacts,  
copper, silver plated

**Versions :**

See 33 398 for variant with screw M8

See 33 324 for variant with fuse monitoring

See 33 206 for variant with electromechanically fuse monitoring

**Accessories to Article 33198 :**

33156 pilot switch for lid position

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

33315 trim cover 2 sections

for NH-LTS Gr. 00

33317 trim strip

for NH-LTS Gr. 00

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

33915 connection for auxiliary line

flat connector DIN EN 61210 6,3x0,8

03849 lid interlock

for fuse switch-disconnector size 00