

Part No.: 33216
QUADRON®VolBreaker
NH bus-mounting fuse switch disconnector size 000, 125 A
3-pole, 60-mm-system, outgoing terminals at bottom, changeable to terminals at top.
For busbars 12, 15, 20, 25, 30x5 / 10mm, double-T- and triple-T-section.

System :

60mm-System classic

Product Advantages :

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.: LTS000

CCC certificate: 2004010302117260

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, 440 V DC / 125 A
conditional rated short circuit current 50 kA (with fuse links gL/gG)
switching capacity / application categories AC23 B (400 V),
AC22 B (500 V), AC21 B (690 V)
DC22 B (440V / 63A), DC22 B (220V / 100A), DC21 B (440V / 80A),
DC 21 B (220V / 125A)

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

for fuse links to IEC 60269-2-1 (I) / DIN VDE 0636-201 size 000 up to 9 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 140mm, side 45mm
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 6,7 W at a typical load with 80 % of the nominal current.
(The power dissipation is 10,5 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): 89 x 200 x 90
Weight (g): 1130
patented locking mechanism

Connections :

Box terminal:
2,5 -50mm² flexible cables,
1,5 -50mm² flexible cables with wire-end ferrules
1,5 - 10mm² solid round
16 - 50mm² stranded round
(flexible cables of maximum cross-section may not fit when using wire-end ferrule)
la. Cu. 6-9 mm wide
Terminal space 10mm x 10mm

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

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Material Characteristics :

Adapter plate:
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 33216 :

33051 lid interlock
for sealing wire

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

33219 single trim frame
130 x 210

33220 double trim frame
200 x 210

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