

NH fuse switch-disconnector size 000, 125 A, busbar mounted, connection top / bottom (33216)



Description

Part No.: 33216

QUADRON® 60Classic

NH fuse switch-disconnector size 000, 125 A, busbar mounted, connection top / bottom
box terminal

for busbars 12, 15, 20, 25, 30 x 5, 10 and section busbars

System

60Classic

Product group 09

Subgroup 22

pack size 1

EAN 4021267332167

Advantages of the product

Self-closing inspection holes are available in the cover.

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eCl@ss 6.1 27142108

eCl@ss 7.1 27142108

ETIM 4.0 EC001040

ETIM 5.0 EC001040

Approvals

Standards

IEC 60947-1:2007 + A1:2010 + A2:2014

IEC 60947-3:2008 + A1:2012 + A2:2015

GB/T 14048.3

Approvals

IEC (CB) , UL , CCC , DNV GL



for UL feeder circuits >250V

type number: LTS-000

UL file: E230163, UL category (for USA): IZLT2 <http://www.ul.com>

CCC certificate: 2004010302117260

Product data

for fuse-links size: NH 000

fuse-link acc. to standard: IEC / HD 60269-2

permitted power dissipation of the fuse-link: 9 W

Details IEC

Standards

IEC 60947-1:2007 + A1:2010 + A2:2014

IEC 60947-3:2008 + A1:2012 + A2:2015

GB/T 14048.3

Electrical data IEC

Rated current (IEC): 125 A

rated voltage (IEC) AC: 690 V

rated voltage (IEC) DC: 440 V

rated isolation voltage U_i AC: 800 V

rated isolation voltage U_i DC: 500 V

rated surge voltage U_{imp} : 6 kV

Utilisation category AC (IEC 60947-3): AC-21B (690 V / 80 A)

AC-22B (400 V / 125 A)

Utilisation category DC (IEC 60947-3): DC specifications: 2 current paths (L1,L3) in series

DC-22B (440V/63A)

DC-22B (220V/100A)

DC-21B (440V/80A)

DC-21B (220V/125A)

cond. short-circuit current with fuses (AC): 50 kA / 400 V (125A)

50 kA / 500 V (100A)

50 kA / 690 V (50A)

approved with fuse links of operation class: gG

power dissipation of the article:

The power dissipation at a typical load of 80% of the rated current results to 6.7 W.

(The power dissipation for operation with rated current would be 10.5 W.)

Supplementary data IEC

The following values have been verified with tests under certain conditions. Please ask Wöhner for this conditions before designing your panel.

max. permitted voltage (IEC) DC: 800 V

A fuse-combination unit acc. to IEC 60947-3 can only be operated at a higher voltage than its rated voltage, if it is used as a fuse-disconnector without breaking capacity, up to its max. rated insulation voltage and labelled as such.

for fuse links IEC 60269-2-1 / DIN VDE 0636-201 size 000 (max. 21mm wide) up to 9W power dissipation

In accordance with the specified AC and DC switching properties and in consideration of the overload conditions, certain distances to earthed metal parts are to be adhered to. detailed information upon inquiry

When several devices are used side-by-side in continuous operation, the rated load factor specified in IEC / EN 61439-1, Table 1, must be observed.

Degree of protection IP30 at front, degree of protection near terminal depends on installation

Details UL

Standards

UL 4248-1

for UL feeder circuits >250V

Electrical data UL

rated current (UL): 125 A

rated voltage (UL) AC: 600 V

SCCR: 100 kA

Mechanical data

W x H x D: 89 x 200 x 90

weight: 113 kg/100

poles: 3-pole

for busbars: 12, 15, 20, 25, 30 x 5, 10 and section busbars

front degree of protection: IP30

Type of fastening: patented click mechanism

Terminal points

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)

lam. Cu. 6-9 mm wide

Terminal space 10mm x 10mm

Material properties

Main body: temperature stability 125°C,
self-extinguishing in acc. to UL 94,
creepage resistance CTI 600,
halogen-free

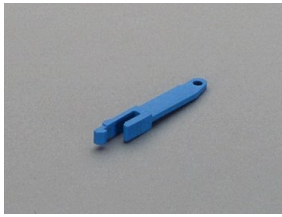
Shock protection cover: temperature stability 125°C,
self-extinguishing in acc. to UL 94,
creepage resistance CTI 200

Handle: temperature stability 125°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

Contacts: spring-loaded copper contacts, silver plated

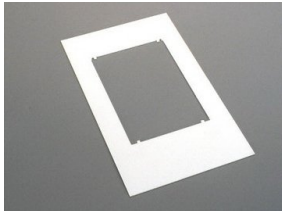
Accessories



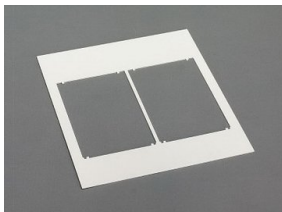
33051
lid interlock
for sealing wire
Size 000



33156
pilot switch
changeover 250 V AC / 5 A, 30 V DC / 4 A



33219
trim frame, single
130 x 210
size 000



33220
trim frame, double
200 x 210
size 000
phase-out product