

NH fuse switch-disconnector size 000, 125 A (33216)



The picture may show a similar product.

Description

Part No.: **33216 000**

QUADRON® 60Classic

NH fuse switch-disconnector size 000, 125 A

Size NH 000

box terminal

connection top or bottom

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

System

60Classic

Advantages of the product

Self-closing inspection holes are available in the cover.

Product group 09

Subgroup 22

pack size 1

EAN 4021267332167

ECLASS 6.1 27142108
ECLASS 7.1 27142108
ETIM 4.0 EC001040
ETIM 5.0 EC001040
ETIM 8.0 EC001040

Approvals

Standards

IEC 60947-1:2020
IEC 60947-3:2020 AC ratings only
UL 4248-1

Approvals

IEC (CB) , UL , CCC , DNV GL



for UL feeder circuits >250V

type number: LTS-000

UL file: E230163, UL category (for USA): IZLT2 <https://www.ul.com>
CCC certificate: 2004010302117260

Technical data

for fuse links size:	NH 000
fuse links acc. to standard:	IEC / HD 60269-2
permitted power dissipation of the fuse-link:	9 W
requirements for contact parts:	Fuse links with silver-plated contact pieces recommended. For fuse links with nickel-plated contact pieces, a reduction factor of 0.8 is to be observed.

Details IEC

Standards

IEC 60947-1:2020
IEC 60947-3:2020 AC ratings only

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 (500 V / 100 A)

AC-22B (400 V / 125 A)

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 % results to 6.7 W.

(The power dissipation at full load 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

further 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)

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.

min. permitted operation temperature -40
max. permitted operation temperature 55

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
rated frequency (UL): 50 / 60 Hz

SCCR: 100 kA

Mechanical data

W x H x D: 89 x 200 x 90
weight: 113.0 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

cage clamp connection

screw drive: S4

wire stripping: 20 mm

min. cross-section: 1.5 mm²

max. cross-section: 50 mm²

Md min.: 3.2 Nm

Md max.: 4.8 Nm

Not suitable for aluminium cables !

Material properties

halogen-free: No

Application notes

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permitted power dissipation of the fuse-link: 9 W

requirements for contact parts: Fuse links with silver-plated contact pieces recommended.

For fuse links with nickel-plated contact pieces, a reduction factor of 0.8 is to be observed.

for UL feeder circuits >250V

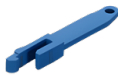
Accessories

covers



33219 000
trim frame, single
130 x 210
size 000

further accessories



33051 000
lid interlock
for sealing wire
Size 000



33156 000
pilot switch
changeover 250 V AC / 5 A, 30 V DC / 4 A

<https://pim.woehner.de/EN/EN/1000046948>