

## NH fuse switch-disconnector size 00, 160 A, panel mounting (33200)



The picture may show a similar product.

### Description

Part No.: **33200**000

QUADRON® Panel

NH fuse switch-disconnector size 00, 160 A, panel mounting  
screw M8

### System

Mounting plate

### Advantages of the product

For safe connection of the leads, the shock protection is split into 2. Self-closing inspection holes are available in the cover.

Product group 09

Subgroup 03

pack size 1  
EAN 4021267332006

catalog page 2020 : 6.13

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

## Approvals

### Standards

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

### Approvals

IEC (CB) , UL , CCC , DNV GL , EAC



for UL feeder circuits >250V

type number: LTS-00  
EAC Type: NH

UL file: E230163, UL category (for USA): IZLT2 <http://www.ul.com>  
CCC certificate: 2004010302117250

## Technical data

for fuse links size:	NH 000, NH 00
fuse links acc. to standard:	IEC / HD 60269-2
permitted power dissipation of the fuse-link:	12 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): 160 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-23B (400V)  
AC-23B (500V/125A)  
AC-22B (690V)  
AC-21B (690V)  
AC-20B (1000V) at pollution degree 2

visible information required if used at more than 690V AC: do not switch under load

Utilisation category DC (IEC 60947-3):  
DC specifications: 2 current paths (L1,L3) in series  
DC-22B (220V)  
DC-22B (440V/125A)  
DC-21B (440V)  
DC-20B (1000V) at pollution degree 2

visible information required if used at more than 440V DC: do not switch under load

cond. short-circuit current with fuses (AC): 50 kA / 690 V

approved with fuse links of operation class: gG

power dissipation of the article:

The power dissipation at a typical load of 80 % results to 4.5 W.

(The power dissipation at full load would be 7.0 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.

In accordance with the specified AC and DC switching properties and in consideration of the overload conditions, the distances to earthed metal parts given below are to be adhered to. - top 150mm, side 55mm

When used as a disconnector, the spacings can be ignored.

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): 160 A

rated voltage (UL) AC: 600 V

rated frequency (UL): 50 / 60 Hz

SCCR: 100 kA

### Mechanical data

W x H x D: 106 x 200 x 83

weight: 77.7 kg/100

poles: 3-pole

front degree of protection: IP30

## Terminal points

screw connection M8

screw drive:	SW13
Md min.:	8.0 Nm
Md max.:	10.0 Nm

Not suitable for aluminium cables !

## Accessories:

Clamp connection: Cu 1.5-70mm<sup>2</sup> s(r), f+AE; lam. Cu 12x1-10; 3Nm torque

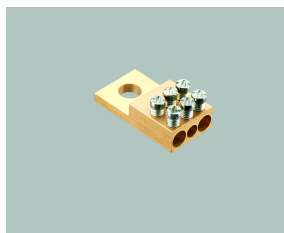
single wedge clamp terminal: Cu, Al\* 16-70mm<sup>2</sup> s(r), s(s), f+AE; 3Nm torque

tunnel terminal 3x Cu 1.5-16mm<sup>2</sup> s(r), f+AE; 3Nm torque

\*Connections not maintenance-free if aluminium conductors are used.

FONLEE  
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www.fonlee.com.tw

## Accessories



### 01182000

tunnel terminal for screw connection M8

1x 2.5 - 16 mm<sup>2</sup> + 2x 2.5 - 25 mm<sup>2</sup>

NH 00



### 03727000

clamp connector

1.5 - 70 mm<sup>2</sup>

size 00

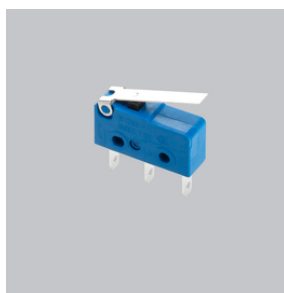


### 03849000

lid interlock

for sealing wire

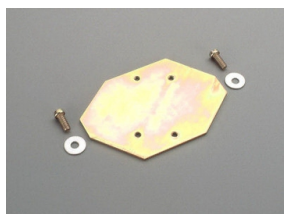
Size 00



### 33156000

pilot switch

changeover 250 V AC / 5 A, 30 V DC / 4 A



### 33193000

rapid mounting set

for 2 mounting rails, rails centre distance 125 mm or 150 mm

size 00

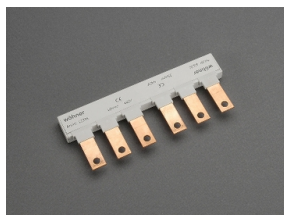


### 33224000

prism terminal, single, for Cu cables

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

NH 00

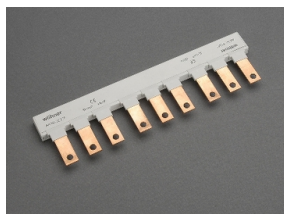


### 33376000

comb-type busbar, 3-pole, for 2 NH fuse switch disconnectors

33200

35 mm<sup>2</sup>



### 33377000

comb-type busbar, 3-pole, for 3 NH fuse switch disconnectors

33200

35 mm<sup>2</sup>

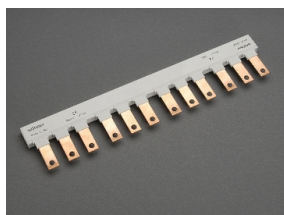


### 33378000

connecting terminal, front connection

for 3-pole comb-type busbar 35 mm<sup>2</sup>, suitable for NH-fuse-switch-disconnector size 00 with screw connection

25 - 95 mm<sup>2</sup>

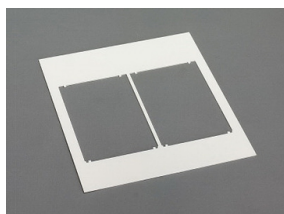


### 33392000

comb-type busbar, 3-pole, for 4 NH fuse switch disconnectors

33200

35 mm<sup>2</sup>

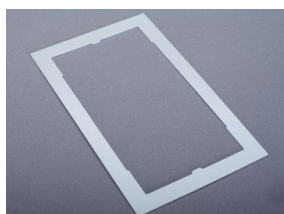


### 78105000

trim frame, double

232 x 210, not for 33221, 33222

size 00



### 78893000

trim frame, single

130 x 210, not for 33221, 33222

size 00



### 79811000

cover for cable lugs, top / bottom attachable

NH 00

for: 33200, 33208, 33329, 33394, 33398, 33420