

NH fuse switch-disconnector size 00, 160 A, panel mounting (33199)



The picture may show a similar product.

Description

Part No.: **33199**000

QUADRON[®] Panel

NH fuse switch-disconnector size 00, 160 A, panel mounting
clamp 70 mm²

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 4021267331993

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.

Entsprechend den angegebenen AC- und DC- Schalteigenschaften und unter Berücksichtigung der Überlastbedingungen, sind gewisse Abstände zu geerdeten Metallteilen einzuhalten. Nähere Informationen auf Anfrage.

Bei Verwendung als Trennschalter ist die Einhaltung der Abstände nicht erforderlich.

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: 78.0 kg/100

poles: 3-pole

front degree of protection: IP30

Terminal points

Md min.: 2.4 Nm

Md max.: 3.6 Nm

Not suitable for aluminium cables !

clamp-type terminals :

1.5 - 70 mm²

flexible cables with wire-end ferrule,

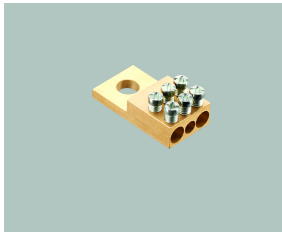
stranded round cables,

lam. Cu max. 12 mm wide, max. 10 mm thick

Md 3 Nm

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

Accessories



01182000

tunnel terminal for screw connection M8

1x 2.5 - 16 mm² + 2x 2.5 - 25 mm²

NH 00



03849000

lid interlock

for sealing wire

Size 00

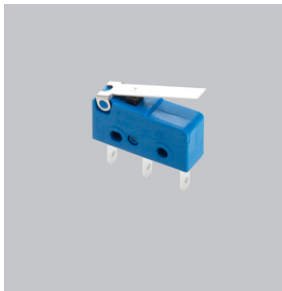


30894000

M8 screw connector

with spring washer

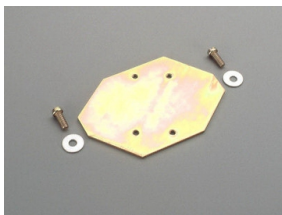
size 00



33156000

pilot switch

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

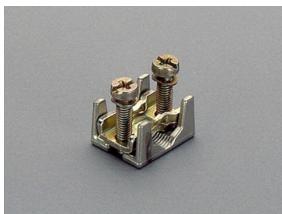


33193000

rapid mounting set

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

size 00

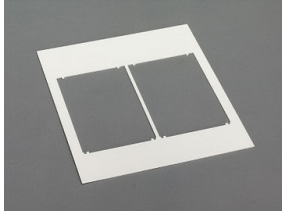


33224000

prism terminal, single, for Cu cables

16 - 70 mm²

NH 00

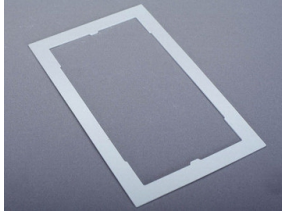


78105000

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