

NH in-line switch-disconnector-fuse size 00 (33614)



The picture may show a similar product.

Description

Part No.: **33614** 000A

QUADRON® 185Power Speed

NH in-line switch-disconnector-fuse size 00

Size NH 00

high version, connection bottom M8

CrossLink connection

double-breaking

operator independent switching (snap-action mechanism)

for busbars 30, 40, 60, 80, 100, 120 x 10

suitable for systems with CrossLink protection modules

System

185Power

Advantages of the product

When the cover is open, all touchable parts are voltage-free

Operator-independent switching

Lockable cover with double-bit lock

Mixed installation with all components 185Power

Can be sealed when switched on or off

Can be locked with up to 3 padlocks when switched off

Product group 18

Subgroup 52

pack size 1

EAN 4021267336141

ETIM 5.0 EC001046

ETIM 8.0 EC001046

Approvals

Standards

IEC 60947-1:2020

IEC 60947-3:2020 AC ratings only

Approvals

IEC (CB)



type number: QS185-00

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: 800 V

rated voltage (IEC) DC: 800 V

rated isolation voltage U_i AC: 1000 V

rated isolation voltage U_i DC: 1000 V

rated surge voltage U_{imp} : 8 kV

Utilisation category AC (IEC 60947-3): AC-22B (800 V / 63 A)

AC-23B (690 V / 125 A)

AC-23B (500 V / 160 A)

cond. short-circuit current with fuses (AC): 30 kA / 800 V (63 A)

100 kA / 690 V

120 kA / 500 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 35.2 W.

(The power dissipation at full load would be 55.0 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.

further utilisation category DC (IEC 60947-3):	DC-20B max. voltage between the fuses: 1000 V visible information required: Do not switch under load.
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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	-25°C
max. permitted operation temperature	55°C
min. permitted temperature for transport and storage	-25°C

The use of knife links is not permitted. The rated values specified in this product description apply exclusively to the use of fuses.

distance to grounded parts = 0mm at 120kA

Special operating conditions corresponding to IEC / EN 61439-1 may yield to faulty activations of pilot switches and fuse monitors. The operating conditions have to be considered for the analysis of status signals.

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

Mechanical data

W x H x D: 50 x 802 x 272

weight: 504.0 kg/100

for busbars: 30, 40, 60, 80, 100, 120 x 10

CT can be integrated in the device: ja

front degree of protection: IP30

Type of fastening:

undrilled drilling with terminal clamp

Material properties

halogen-free: Yes

Application notes

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.

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.

Accessories

connection accessories



33734 000A
wedge clamp terminal
for Cu 10 - 95 mm²
size 00

covers



33732 000A
terminal compartment cover, high version, connection bottom
for 33700, 33715, 33720, 33770, 33771, 33772 and QUADRON®185Power
Speed size 00
size 00



33113 000
lateral cover support
for front covers
size 00 - 3



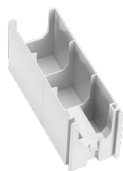
33758 000A
lateral bearing strip
for front covers
size 00 - 3



33644 000A
height compensation size 00
for alignment to the height of the in-line disconnecter size 00
Ersatzteil



33645 000A
bearing area extension, top
for front covers
size 00



33653 000A

rear touch-safe protection
for terminal compartment
size 00

further accessories



33642 000A

pilot switch
changeover 250 V AC / 5 A, 30 V DC / 4 A
QUADRON®185Power Speed size 00, 1, 2, 3

measuring transformers 333mV



33290 000A

measuring transformers 150 A / 333 mV
Size CT3
2.5 VA / class 0.5
NEW



33305 000A

measuring transformers 100 A / 333 mV
Size CT3
2,5 VA / class 1
NEW



33303 000A

measuring transformers 100 A / 333 mV
Size CT3
1.5 VA / class 0.5
NEW



33291 000A

measuring transformers 150 A / 333 mV
Size CT3
2.5 VA / class 1
NEW

current transformers class 1



33741 000

current transformer 80 A / 5 A
Size CT3
2,5 VA / class 1
size 00



33742 000

current transformer 150 A / 5 A
Size CT3
2.5 VA / class 1
size 00

current transformers class 0.5



33749 000

current transformer 100 A / 5 A
Size CT3
1.5 VA / class 0.5
size 00



33751 000

current transformer 150 A / 5 A
Size CT3
2.5 VA / class 0.5
size 00



33750 000

current transformer 100 A / 5 A, with decl. of conformity
Size CT3
1.5 VA / class 0.5
size 00



33752 000

current transformer 150 A / 5 A, with decl. of conformity
Size CT3
2.5 VA / class 0.5
size 00

<https://pim.woehner.de/EN/EN/1000176889>