

in-line fuse switch-disconnector 160 A (33704)



The picture may show a similar product.

Description

Part No.: **33704 000A**

QUADRON®185Power

in-line fuse switch-disconnector 160 A

Size NH 00

Size 00, 3-pole switchable

flat version with screw M8

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

System

185Power

Advantages of the product

Self-closing inspection holes are available in the cover.

Cover can be locked when closed.

Product group 12

Subgroup 52

pack size 1
EAN 4021267337049

ETIM 5.0 EC001046
ETIM 8.0 EC001046

Approvals

Standards

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

Approvals

IEC (CB) , CCC



type number: QU185-00

CCC certificate: 2015010302769751

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 isolation voltage U_i AC: 1000 V
rated surge voltage U_{imp} : 8 kV

Utilisation category AC (IEC 60947-3): AC-22B (800 V / 63 A)
AC-21B (690 V / 125 A)
AC-22B (500 V / 160 A)
AC-23B (400 V / 160 A)

cond. short-circuit current with fuses (AC): 30 kA / 800 V (63 A)
100 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 14.7 W.
(The power dissipation at full load would be 23.0 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.

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°C
max. permitted operation temperature 55°C
min. permitted temperature for transport and storage -40°C

Degree of protection IP20 at front, degree of protection near terminal depends on installation

Mechanical data

W x H x D: 50 x 670 x 147

weight: 218.2 kg/100

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

front degree of protection: IP20

Terminal points

screw connection

M8

screw M8 :

Md 12 - 14 Nm

Material properties

halogen-free: No

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

accessories for mounting



33728 000A
double adapter
for 2 devices size NH 00
for busbars: 30, 40, 60, 80, 100, 120 x 10



33739 000A
terminal clamp
for busbar systems without system covers
size 00



33765 000A
CrossLink® terminal clamp IP20
for busbar systems with touch-safe protection
size 00

connection accessories



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

covers



33725 000A
terminal compartment cover, flat version, connection bottom
for 33704, 33705, 33719, 33724, 33773, 33774, 33775
size 00



33727 000A
terminal compartment cover, flat version, connection top
for 33704, 33705, 33719, 33724, 33773, 33774, 33775
size 00



33113 000

lateral cover support
for front covers
size 00 - 3



33758 000A

lateral bearing strip
for front covers
size 00 - 3

connection cable

wöhner

37904 000A

RJ12 lead with pin connector strip Wago
with leads RJ12, 3.00 m
to connect prewired in-line fuse switch-disconnectors with the current
extension module 37100

NEW

wöhner

37907 000A

RJ12 lead with pin connector strip Wago
with lead RJ12, 0.3 m
to connect prewired in-line fuse switch-disconnectors with the current
extension module 37100

NEW

wöhner

37905 000A

RJ12 lead with pin connector strip Wago
with leads RJ12, 1.5 m
to connect prewired in-line fuse switch-disconnectors with the current
extension module 37100

NEW

wöhner

37903 000A

Wago connector components
for independent assembly of RJ12 cables

NEW

wöhner

37906 000A

RJ12 lead with pin connector strip Wago
with leads RJ12, 0.6 m
to connect prewired in-line fuse switch-disconnectors with the current
extension module 37100

NEW

further accessories



33156 000

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



33766 000A

plug support with mounting rail
for CT wiring
size 00

measuring transformers 333mV



33303 000A

measuring transformers 100 A / 333 mV
Size CT3
class 0.5

NEW



33305 000A

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

NEW



33290 000A

measuring transformers 150 A / 333 mV
Size CT3
2.5 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



33744 000

current transformer 150 A / 5 A

Size CT5

1.5 VA / class 1

size 1 - 3

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/1000156527>