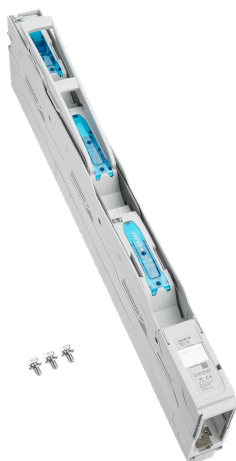


in-line fuse switch-disconnector 160 A (33700)



The picture may show a similar product.

Description

Part No.: **33700 000A**

QUADRON®185Power

in-line fuse switch-disconnector 160 A

Size 00, 3-pole switchable

high 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 4021267337001

ECLASS 6.1 27142108
ECLASS 7.1 27142108
ETIM 4.0 EC001046
ETIM 5.0 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)

Utilisation category DC (IEC 60947-3): DC-20B

max. voltage between the fuses: 1000V

visible information required: Do not switch under load.

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 17,9 W.

(The power dissipation at full load would be 28,0 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: 1000 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.

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 189

weight: 261,5 kg/100

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

CT can be integrated in the device: ja

front degree of protection: IP20

Type of fastening:

can be screwed onto drilled busbar, undrilled mounting with terminal clamp

connection:

screw connection M8

Terminal points

screw connection

M8

screw M8 :

Md 12 - 14 Nm

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



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

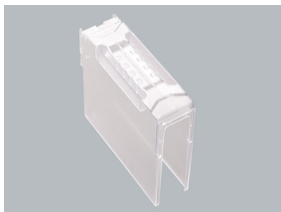
connection accessories



33734 000A

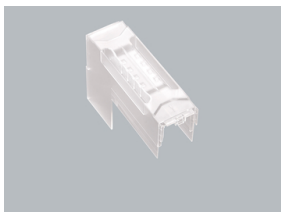
wedge clamp terminal
for Cu 10 - 95 mm²
size 00

covers



33732 000A

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



33726 000A

terminal compartment cover, high version, connection top
for 33700, 33715, 33720, 33770, 33771, 33772
size 00



33113 000

lateral cover support
for front covers
size 00 - 3



33758 000A

lateral bearing strip
for front covers
size 00 - 3

further accessories



33156 000

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

measuring transformers 333mV



33303 000A

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



33305 000A

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



33290 000A

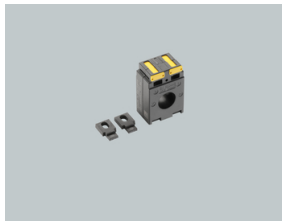
measuring transformers 150 A / 333 mV
2.5 VA / class 0.5
NEW



33291 000A

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

current transformers class 1



33741 000

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



33742 000

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

current transformers class 0.5



33749 000

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



33751 000

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



33750 000

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



33752 000

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

<https://pim.woehner.de/EN/DE/1000156473>