

in-line fuse switch-disconnector 160 A (33530)



The picture may show a similar product.

Description

Part No.: **33530**000A

QUADRON[®] 185Power

in-line fuse switch-disconnector 160 A

Size 00, 3-pole switchable

high version with V-clamp 95 mm²

Klemmgehäuse Alu, Druckstück Stahl

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

coming soon

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 4021267335304

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 V-Clamp

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.

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 M8 :

Md 12 - 14 Nm

Application notes

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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.

<https://pim.woehner.de/EN/EN/1000293685>