

NH in-line switch disconnecter fuse size 00 (33 614)



Description

Article

Part No.: 33 614

QUADRON® 185Power Speed

NH in-line switch disconnecter fuse size 00

tall version, outgoing terminals at the bottom, CrossLink connection

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

NEW

System

185Power

Product group 18

Subgroup 52

pack size 1

EAN 4021267336141

Advantages of the product

- direct mounting to the 185mm main-busbar-system
- straight connection of the cables for versions with connection top or bottom
- vertical cable route without turning the main-busbar-system
- mounting in standard cabinets possible
- serving level in- and outside of the cabinet possible
- parking position for the cover combined with fuseholder
- mixed installation with all components 185Power

eCl@ss 6.1 27142108

eCl@ss 7.1 27142108

ETIM 4.0 EC001040

ETIM 5.0 EC001040

Approvals

Standards

IEC 60947-1:2007 + A1:2010 + A2:2014

IEC 60947-3:2008 + A1:2012

Approvals

IEC (CB)



Type number: QS185-00

Product data

Electrical data

Rated current (IEC): 160 A

Rated voltage (IEC) AC: 690 V

Utilisation category AC (IEC AC-23B 160A/500V

60947-3) : AC-23B 160A/690V

Utilisation category DC (IEC DC-20B

60947-3) : max. voltage between the fuses: 1000V

visible information required: Do not switch under load.

Power dissipation:

The power dissipation at a typical load of 80% of the rated current results to 35.2 W.

(The power dissipation for operation with rated current would be 55 W.)

Rated surge voltage U_{imp} : 8 kV

max. permitted voltage (IEC) AC: 1000
V

cond. rated short-circuit current with fuses: 100 kA / 690 V

120 kA / 500 V

approved with fuse links of characteristics: gG

for fuse links IEC 60269-2-1 (I) / DIN VDE 0636-201 size 00 up to 12W power dissipation

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 280.5

Weight: 504 kg/100

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

front degree of protection: IP30

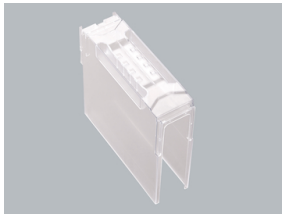
Type of fastening:

undrilled drilling with terminal clamp

Material properties

- Body: temperature stability 130°C,
self-extinguishing in acc. to UL 94,
creepage resistance CTI 600,
halogen-free
- Contacts: spring-loaded copper contacts, silver plated
- Handle: temperature stability 125°C,
self-extinguishing in acc. to UL 94,
creepage resistance CTI 600,
halogen-free

Accessories



33 732

Terminal compartment cover

for 33 700; 33 770, 33 720, 33 771, 33 715, 33 772 and QUADRON®185Power

Speed Gr.00

size 00, high version, connection bottom



33 734

Wedge clamp terminal

for Cu and Al 10 mm² – 95 mm²

size 00



33 741

Current transformer 80 A / 5 A

doubleclamp / two clamping spaces with 2,5 x 4mm

2,5 VA / class 1, size 00



33 742

Current transformer 150 A / 5 A

2,5 VA / class 1

size 00



33 113

lateral cover support

for front covers

size 00 - 3

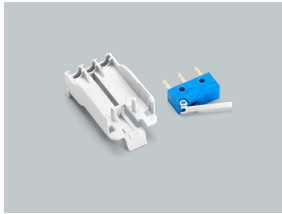


33 758

lateral bearing strip

for front covers

size 00 - 3



33 642

pilot switch

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

Speed Size 00, 1, 2, 3

NEW



33 644

height compensation size 00

for alignment to the height of the in-line disconnecter size 00

NEW



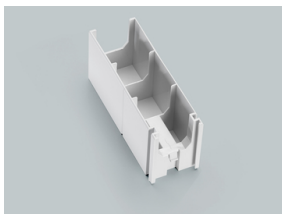
33 645

bearing area extension, top

for front covers

size 00

NEW



33 653

Rear touch-safe protection

for terminal compartment

size 00

NEW



33 749

Current transformer 100 A / 5 A

1,5 VA / class 0,5

size 00

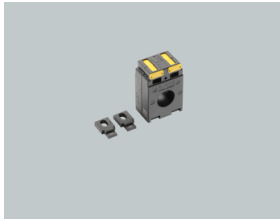


33 751

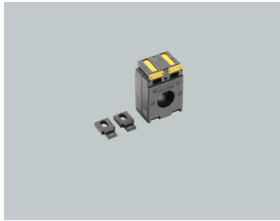
Current transformer 150 A / 5 A

2,5 VA / class 0,5

size 00

**33 750**

Current transformer 100 A / 5 A, with declaration of conformity
1,5 VA / class 0,5
size 00

**33 752**

Current transformer 150 A / 5 A, with declaration of conformity
2,5 VA / class 0,5
size 00

**33 755**

Clamp connector
for Cu 16 mm² – 70 mm²
size 00