

NH in-line switch disconnecter fuse size 2 (33 632)



Description

Article

Part No.: 33 632

QUADRON® 185Power Speed

NH in-line switch disconnecter fuse size 2

outgoing terminals at the bottom

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

NEW

System

185Power

Product group 18

Subgroup 54

pack size 1

EAN 4021267336325

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: QS185-2

Product data

Electrical data

Rated current (IEC): 400 A

Rated voltage (IEC) AC: 690 V

Utilisation category AC (IEC AC-23B 400A/690V

60947-3) : AC-22B 400A/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 140.8 W.

(The power dissipation for operation with rated current would be 220 W.)

Rated surge voltage U_{imp} : 12 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 2 up to 45W 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: 99 x 781 x 274

Weight: 1,250 kg/100

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

front degree of protection: IP30

Type of fastening:

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

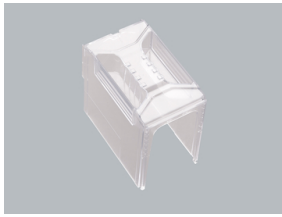
Material properties

Body: temperature stability 130°C,
self-extinguishing in acc. to UL 94,
creepage resistance CTI 600,
halogen-free

Handle: temperature stability 125°C,
self-extinguishing in acc. to UL 94,
creepage resistance CTI 600,
halogen-free

Connecting screw M12, galvanized, chromized
screws:

Accessories



33 733

Terminal compartment cover
universal for NH-rails size 1-3 and connection rail 800A
size 1- 3



33 758

lateral bearing strip
for front covers
size 00 - 3



33 113

lateral cover support
for front covers
size 00 - 3



33 642

pilot switch
changeover 250V AC / 5A, 30V DC / 4A
Speed Size 00, 1, 2, 3

NEW



33 646

bearing area extension, top
size 1-3

NEW



33 647

Rear cover for terminal compartment cover
size 1-3

NEW



33 648

connection set box terminal 50mm² – 240mm²

including rear cover

size 1 - 3

NEW



33 650

Mounting set with 3 bolts

for busbar connection on drilled busbars, including positioning piece

size 1 - 3

NEW



33 651

Mounting set with 3 terminal clamps

for drill-less mounting on the busbar system, with and without CrossLink

touch-safe protection covers

size 1 - 3

NEW



33 652

Insulated screw extension for terminal clamp

for safe live working with standard tools

size 1 - 3

NEW



33 649

connection set box terminal 70mm² – 300mm²

including rear cover

size 1 - 3

NEW



33 762

Universal current transformer module

for mounting in the connection compartment, including front and rear cover

size 1 - 3

NEW

wöhner