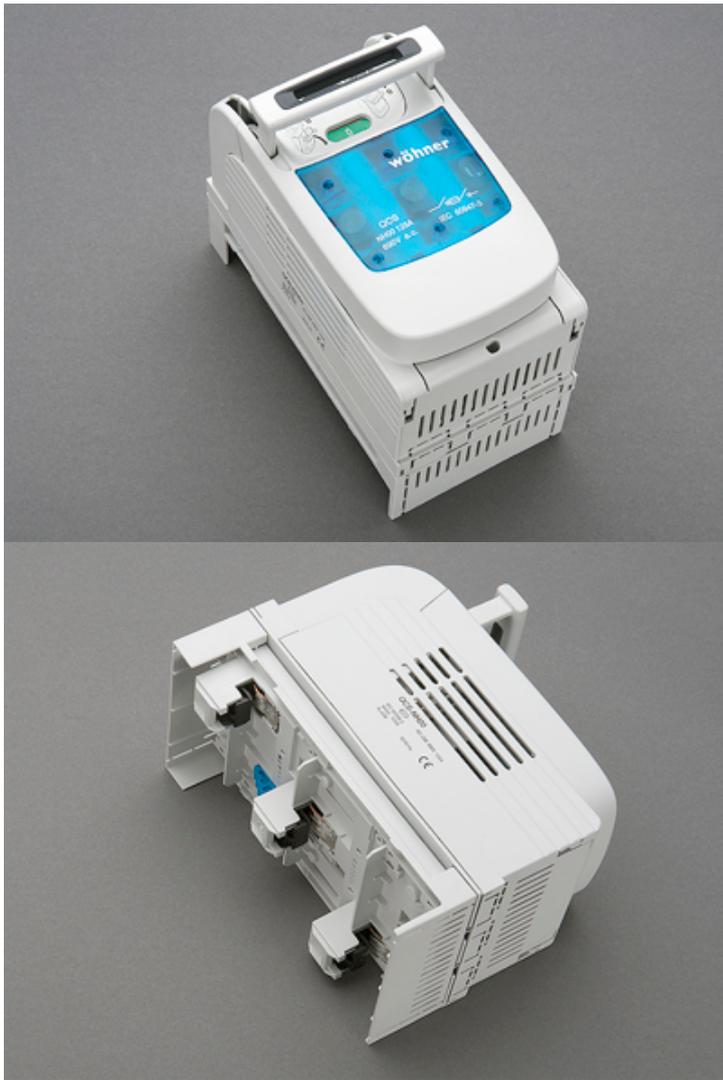
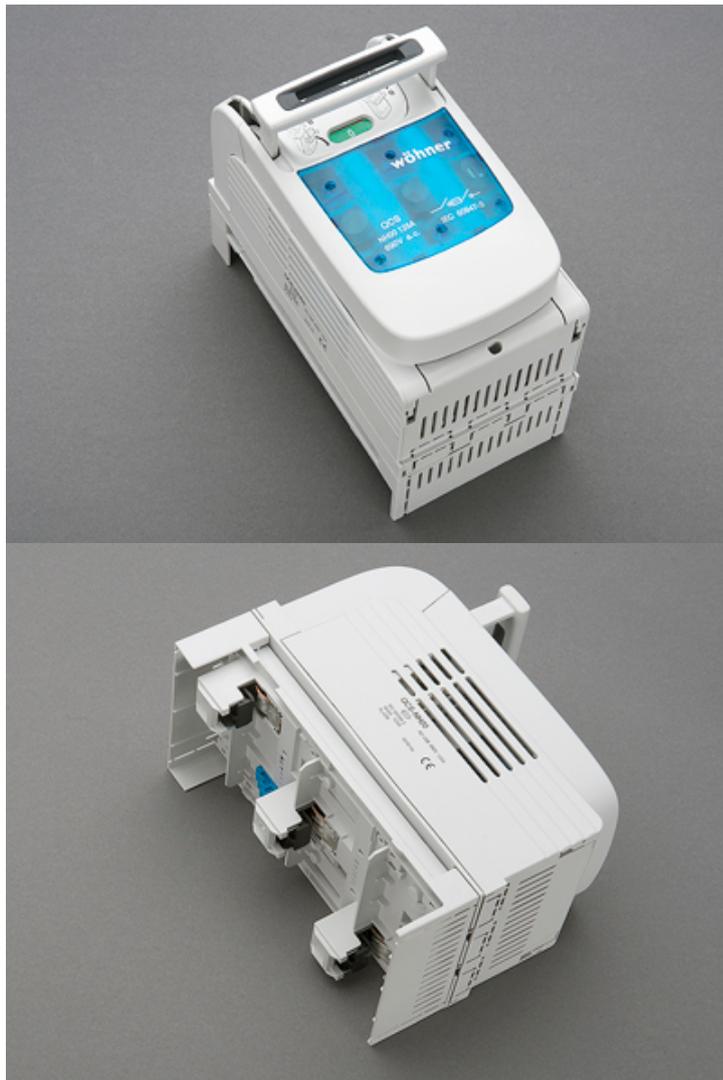


switch disconnecter with fuses, 3-pole (33500)



The picture may show a similar product.



Description

Part No.: **33500**000

QUADRON[®] 60Classic Speed
switch disconnecter with fuses, 3-pole
box terminal, connection bottom
size 00
double-breaking
operator independent switsching
for busbars 12, 15, 20, 25, 30 x 5, 10 and section busbars

System

60Classic

Advantages of the product

With spring-controlled switch mechanism for frequent switching as per utilisation category "A"

Can be locked in neutral position with up to 3 padlocks

FLAG indicator shows the switch setting

Fuses can be changed safely and without tools thanks to double-breaking main contacts

Additional visible separating section by removing the cover incl. fuses

Can be used as mains disconnecter as per IEC / EN 60204-1 (main switch).

Mains switch only in combination with AC-23A/B

CrossLink® adapter technology

Simple and safe clicking into place and making contact

Busbar supports can be mounted above each other for flat rails

Compact dimensions (106mm wide)

Product group 15

Subgroup 20

pack size 1

EAN 4021267335007

catalog page 2020 : 3.26

ECLASS 6.1 27371401

ECLASS 7.1 27371401

ETIM 4.0 EC001040

ETIM 5.0 EC001040

Approvals

Standards

IEC 60947-1:2020

IEC 60947-3:2020 AC ratings only

Approvals

IEC (CB) , VDE , CCC , DNV GL , EAC



type number: QCS-NH00

EAC Type: NH

CCC certificate: 2010010302392782

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:	10 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): 125 A

rated voltage (IEC) AC: 690 V

rated isolation voltage U_i AC: 800 V

rated surge voltage U_{imp} : 8 kV

Utilisation category AC (IEC 60947-3): AC-23B (690V/125A)

AC-23A (500V/125A)

AC-22A (690V/125A)

Utilisation category DC (IEC 60947-3): DC specifications: 2 current paths (L1,L3) in series

DC-22B (220 V / 125 A)

DC-21B (100 V / 200 A)

cond. short-circuit current with fuses (AC): 50 kA / 690 V (125A)

approved with fuse links of operation class: gG

power dissipation of the article:

The power dissipation at a typical load of 80 % results to 18.6 W.

(The power dissipation at full load would be 29.0 W.)

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.

When several devices are used side-by-side in continuous operation, the rated load factor specified in VDE 0660 Part 500 / EN 60 439-1, Table 1, must be observed.

System component: degree of protection IP20 at front as per DIN EN 60529, degree of protection near terminal depends on installation; shock protection as per DIN EN 50274

adapter module: front side degree of protection IP20 as per DIN EN 60529 (finger-safe)

Mechanical data

W x H x D: 106 x 200 x 128

weight: 219.0 kg/100

poles: 3-pole

for busbars: 12, 15, 20, 25, 30 x 5, 10 and section busbars

Busbar connector: externally tensioned contacting, convenient click mechanism, simple conversion of the combination bases from 5 to 10mm-thick busbars

Terminal points

Not suitable for aluminium cables !

Box terminal:

1.5 -70mm² flexible cables, directly or with wire-end ferrules*, depending on contour of the insulated lead 95mm² could be connectable

1.5 - 10mm² solid round

16 - 70mm² stranded round

2x10mm², 2x16mm² and 2x25mm² flexible with wire-end ferrules, identical cables placed side by side, crimping square

2x10 - 2x35mm² flexible, identical cables placed side by side square

lam. Cu. 9-13 mm wide

Terminal space 13mm x 13mm

(*flexible cables of maximum cross-section may not fit when using wire-end ferrule)

Accessories



33908000

pilot switch for monitoring the switch position
changeover 250 V AC / 5 A, 30 V DC / 4 A
QCS-NH00, QCS-NH1, QCS-160, QCS-320



33914000

connecting terminal 120 mm²
front connection
QCS-NH00, QCS-160



33915000

connection for auxiliary line, for box terminal
flat connector EN 61210 6.3 x 0.8
QCB-NH00, QCS-NH00, QCS-160