D0 switch-disconnector-fuse, for 3-pole busbar system (31574000B)



The picture may show a similar product.

Description

Part No.: **31574** 000B
SECUR 60Classic EasyLiner
D0 switch-disconnector-fuse, for 3-pole busbar system
for D01 and D02 fuses
63 A / 3P
operator independent switching (snap-action mechanism)
connection bottom
for busbars 12, 15, 20, 25, 30 x 5, 10 and section busbars

System
60Classic

Advantages of the product
spring terminal enables connection without tools (at first installation)

Product group 01
Subgroup 42

Changes in the interest of developments and technical progress are reserved.
Wöhner GmbH & Co. KG, Mönchrödener Straße 10, 96472 Rödental, Germany, Tel. +49 9563 751-0

pack size	1
EAN	4021267315740

ECLASS 14.0	27142110
ETIM 5.0	EC000277
ETIM 8.0	EC000277
ETIM 10.0	EC000277

Approvals

Standards
IEC 60947-1:2020
IEC 60947-3:2020 AC ratings only

Approvals
IEC (CB) , VDE , CCC

type number: SEL
EAC Type: D0

CCC certificate: 2014010302710123

Technical data

for fuse links size:	D0
fuse links acc. to standard:	IEC / HD 60269-3
permitted power dissipation of the fuse-link:	5.5 W
requirements for contact parts:	use fuse links with silver-plated contacts

Details IEC
Standards
IEC 60947-1:2020
IEC 60947-3:2020 AC ratings only

Electrical data IEC

rated current (IEC): 63 A
rated voltage (IEC) AC: 400 V

rated isolation voltage U_i AC: 500 V
rated surge voltage U_{imp} : 6 kV

Utilisation category AC (IEC 60947-3) : AC-22B (400 V)

cond. short-circuit current with fuses (AC): 50 kA / 400 V
approved wth fuse links of operation class: gG

power dissipation of the article:
The power dissipation at a typical load of 80 % results to 4.5 W.
(The power dissipation at full load would be 7.0 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.

min. permitted operation temperature	-25°C
max. permitted operation temperature	55°C
min. permitted temperature for transport and storage	-25°C

reduction factor at ambient temperature:
35°C 1,0
45°C 0,9
55°C 0,8
for fuse links and gauge elements acc. to IEC / HD 60269-3

use of D02 fuse links with silver plated caps is recommended
The function of isolation between incoming and outgoing contacts is provided by the opening of the switching mechanism as required in the standard.

Mechanical data

W x H x D:	27 x 200 x 80
weight:	33.0 kg/100
poles:	3-pole
for busbars:	12, 15, 20, 25, 30 x 5, 10 and section busbars

front degree of protection: IP20

Terminal points

spring pulley connection

screw drive:	PZ2
wire stripping:	12 mm
min. cross-section:	1.5 mm^2
max. cross-section:	16 mm^2
Md min.:	2.5 Nm
Md max.:	3.0 Nm

Not suitable for aluminium cables !

1,5 - 16 mm^2 round stranded and flexible without wire-end ferrule
1,5 - 16 mm^2 flexible with wire-end ferrule*
1,5 - 10 mm^2 flexible with wire-end ferrule
1,5 - 10 mm^2 round solid

* 16 mm^2 prepared with crimping tool PZ 16 (Weidmüller) or
with jointing clamp Crimpfox 25R (Phoenix Contact)

the connecting wires can be placed at the side :
up to 6mm^2 without side module
up to 10mm^2 when using the side module

Material properties

Material:	Plastic
halogen-free:	Yes

Application notes

Not suitable for aluminium cables !
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.
The devices have to be equipped with D0 gauge rings. Together with reducer part no. 31902 also suitable for fuse links D01.
The use of the side module part no. 31914 is recommended for continuous loads of 35 A or greater.

use of D02 fuse links with silver plated caps is required

can be locked (padlock) in OFF position (O) and sealed in ON position (1)

permitted power dissipation of the fuse-link:	5.5 W
requirements for contact parts:	use fuse links with silver-plated contacts

Accessories

further accessories



31914 000A
9 mm side module for 31574 and 31575
for 3-pole system



31976 000A
pilot switch
changeover 250 V AC / 5 A, 30 V DC / 4 A

accessories for fuses



31902 000
reducer D02 for D01 fuses 2 - 16 A
for: APS, SEL, SPL

https://pim.woehner.de/EN/EN/1000172735