

D0-fuse switch-disconnector series Wöhner up to 63A



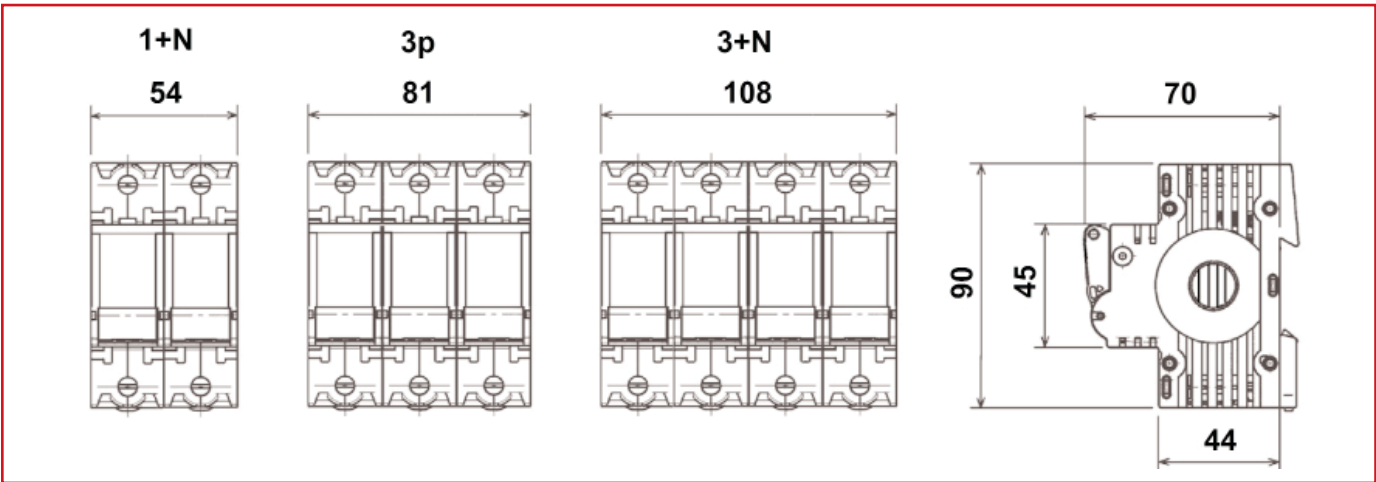
SI313080

Schrack-Info

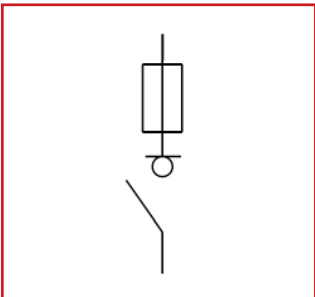
- Dual-function terminal
- Feeding possible from either direction
- Captive fuse carrier
- VDE – certificate

| | |
|---|---|
| Standards : | EN 60947-1:2007 |
| | EN 60947-3:1999 + A1:2001 + A2:2005 |
| Standard for fuse links | to IEC / EN 60269-2-1 (III) |
| Rated current: | 63A |
| Poles: | 1-pole, 1+N, 3-pole and 3+N |
| Rated voltage: | 400V-AC |
| Rated frequency: | 50-60Hz |
| Utilisation category: | AC-22B (400V) according to IEC 60947-3 |
| Conditional rated short circuit current | 50kA |
| Permitted power dissipation of gG/gL Fuse | up to 5,5W |
| Terminal: | dual-function box-terminal 1.5 - 35mm ² for simultaneous connection of 2 wires (35mm ² + 16mm ²) or comb-type busbar + wire flexible cables, directly or with wire-end ferrule |
| Connecting screws: | +/- (PZ2), galvanized, chromized |
| Torque | 2,5 - 3Nm |
| Shock protected: | to specification BGV A3 |
| Mounting: | clip-on mounting for DIN-rail |
| Weight | 1-pole 140g / 3-pole 420g |

Dimensions



Wiring diagram



| DESCRIPTION | AVAILABLE | ORDER NO. |
|-----------------|-----------|-----------------|
| 63A, 1-pole+N | | SI313080 |
| 63A, 3-pole | | SI313140 |
| 63A, 3-pole + N | | SI313150 |



Order no. blue: on stock, usually ready for delivery on the day of order



D0-fuse base series Wöhner up to 63A



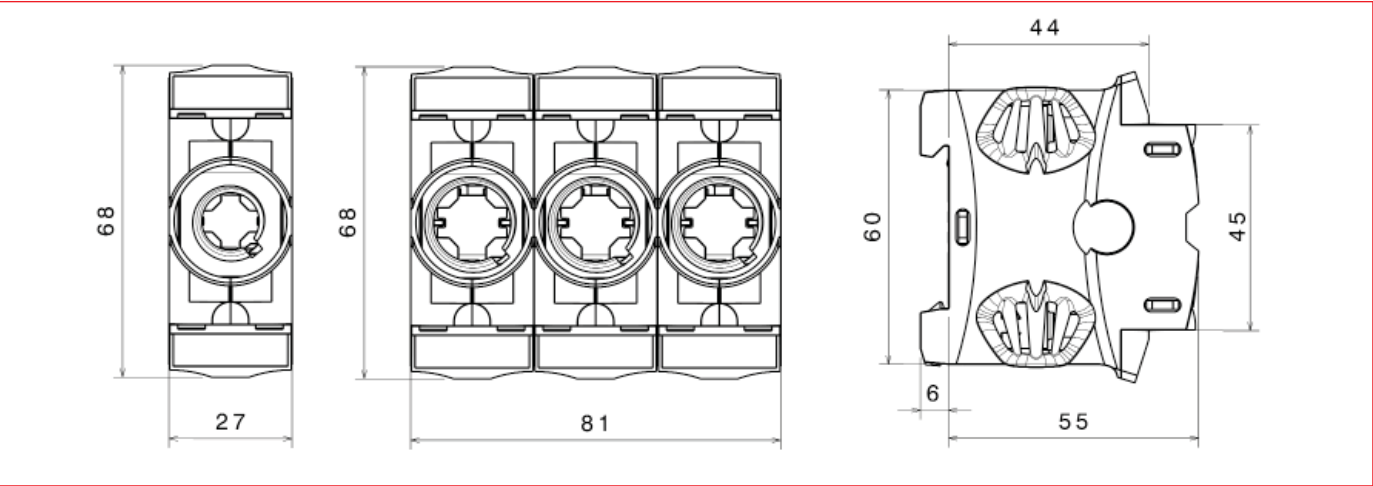
SI313060

Schrack-Info

- Size D01 and D02
- 1- or 3-pole
- Including cover
- Two-sided dual-function terminals
- 27 mm = 1 MW

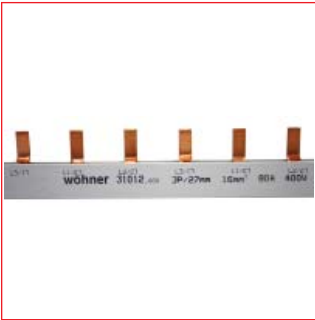
| Size | D01 | D02 |
|--|--|------|
| Standards | IEC 60269-3 / VDE 0636-3 | |
| Poles | 1/3-pole | |
| Type of current | AC (50 Hz) / DC | |
| Rated voltage | 400 V AC / 250 V DC | |
| Rated current | 16A | 63A |
| Conditional rated short circuit current | 50 kA (AC) / 8kA DC | |
| Rated impulse withstand voltage Uimp: | 6kV | |
| D0-fuses | acc. IEC 60269-3 | |
| D0-gauge rings | acc. IEC 60269-3 | |
| For fuses with power dissipation per phase up to | 2,5W | 5,5W |
| Terminals | Dual-function terminal (max. 35mm²+ 16mm²) | |
| Terminal capacity | Cu 1.5 - 35mm² flexible | |
| | Cu 1.5 - 35mm² flexible with ferrule | |
| | Cu 1.5 - 10mm² solid | |
| Torque | 2,5-3Nm | |

Dimensions



| DESCRIPTION | AVAILABLE | ORDER NO. |
|--|-----------|-----------------|
| D01, E14, 1-pole, 16A | | SI313010 |
| D01, E14, 3-pole, 16A | | SI313020 |
| D02, E18, 1-pole, 63A | | SI313030 |
| D02, E18, 3-pole, 63A | | SI313060 |
| D01 screw cap E 14, 16 A, plastic 400 V, plastics material | | SI310050 |
| D02 screw cap E 18, 63 A, plastic 400 V, plastics material | | SI310060 |

Busbar MW 27mm for D0-fuse base series Wöhner



SI310120

Schrack-Info

- Pin busbars especially for D01- and D02-fusebases series Wöhner
- Through the dual-function terminal it is possible to busbar and wiring in a terminal
- Pitch 27 mm
- 36 MW = 12 x 3-pole fusebases

| DESCRIPTION | AVAILABLE | ORDER NO. |
|--|-----------|-----------------|
| Comb type busbar, 3-pole, bridge type 80A, pitch 27mm, 1m long | | SI310120 |
| End cap for 3-pole comb type busbars 16 mm² for SI310120 | | SI310270 |
| Comb bar, 3-pole, bridge type 130 A, pitch 27 mm, 1 m long | | SI310560 |
| End cap for 3-pole comb type busbars 35 mm² for SI310560 | | SI310840 |

D0-fuse base in according to BGV A3 (VBG 4)/TRITON up to 63A



SI312910

Schrack-Info

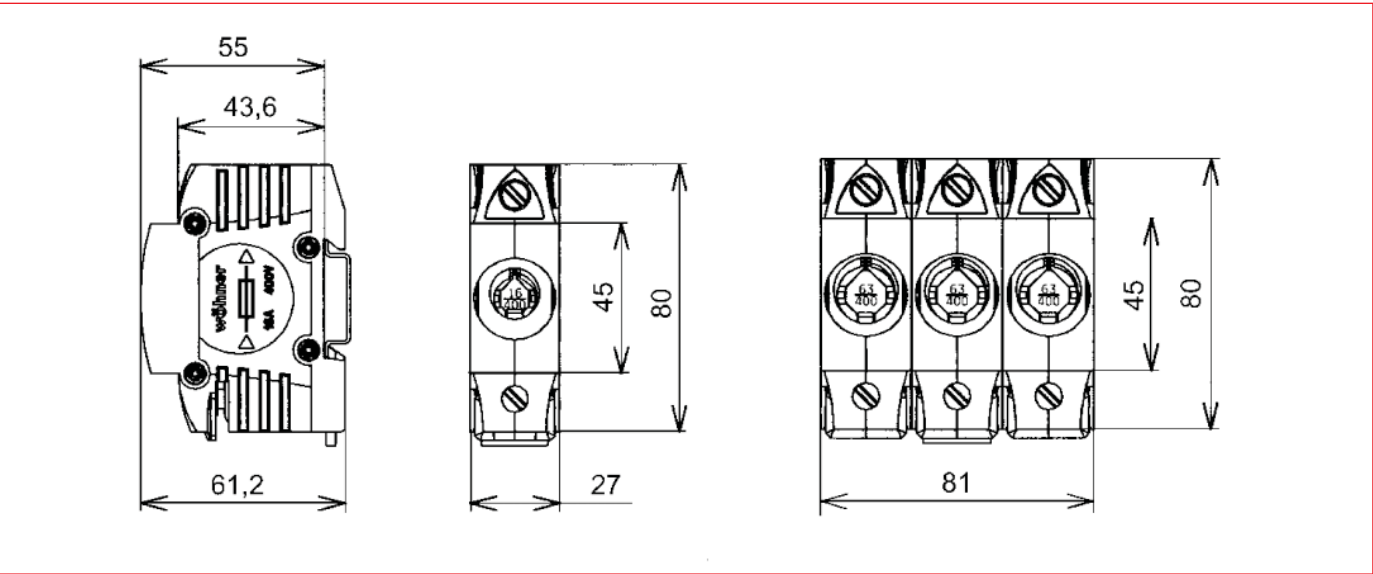
- Touch protected fuse base in size D01 and D02
- 1- or 3-pole
- Big terminal-capacity up to 35mm²
- 27 mm = 1 MW

| Size | D01 | D02 |
|--|--------------------------------------|------|
| Finger and hand touch safe: | acc. to BGV A3 | |
| Standards | IEC 60269-3 / VDE 0636-3 | |
| Poles | 1/3-pole | |
| Type of current | AC (50 Hz) / DC | |
| Rated voltage | 400 V AC / 250 V DC | |
| Rated current | 16A | 63A |
| Conditional rated short circuit current | 50 kA (AC) / 8kA DC | |
| Rated impulse withstand voltage Uimp: | 6kV | |
| D0-fuses | acc. IEC 60269-3 | |
| D0-gauge rings | acc. IEC 60269-3 | |
| For fuses with power dissipation per phase up to | 2,5W | 5,5W |
| Terminals | Box-terminal | |
| Terminal capacity | Cu 1.5 - 35mm² flexible | |
| | Cu 1.5 - 35mm² flexible with ferrule | |
| | Cu 1.5 - 10mm² solid | |
| Torque | 4Nm | |



D0-fuse base in according to BGV A3 (VBG 4)/TRITON up to 63A

Dimensions



| DESCRIPTION | AVAILABLE | ORDER NO. |
|--|-----------|-----------|
| D01/1-polig/BGV A2 (VBG 4)/16 A | | SI312860 |
| D02/1-polig/BGV A2 (VBG 4)/63 A | | SI312910 |
| D02/3-pole/BGV A2 (VBG 4)/63 A | | SI312930 |
| D01 screw cap E 14, 16 A, plastic 400 V, plastics material | | SI310050 |
| D02 screw cap E 18, 63 A, plastic 400 V, plastics material | | SI310060 |

Busbar MW 27mm for TRITON



SI310120

Schrack-Info

- Pin busbars especially for D01 - and D02-fusebases series Wöhner
- Through the dual-function terminal it is possible to busbar and wiring in a terminal
- Pitch 27 mm
- 36 MW = 12 x 3-pole fuse-bases

| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|-----------|-----------|
| Comb type busbar, 3-pole, bridge type 80A, pitch 27mm, 1 m long | | SI310120 |
| End cap for 3-pole comb type busbars 16 mm² for SI310120 | | SI310270 |
| Comb bar, 3-pole, bridge type 130 A, pitch 27 mm, 1 m long | | SI310560 |
| End cap for 3-pole comb type busbars 35 mm² for SI310560 | | SI310840 |

D0-fuse switch-disconnector for 60mm-system Secur Powerliner



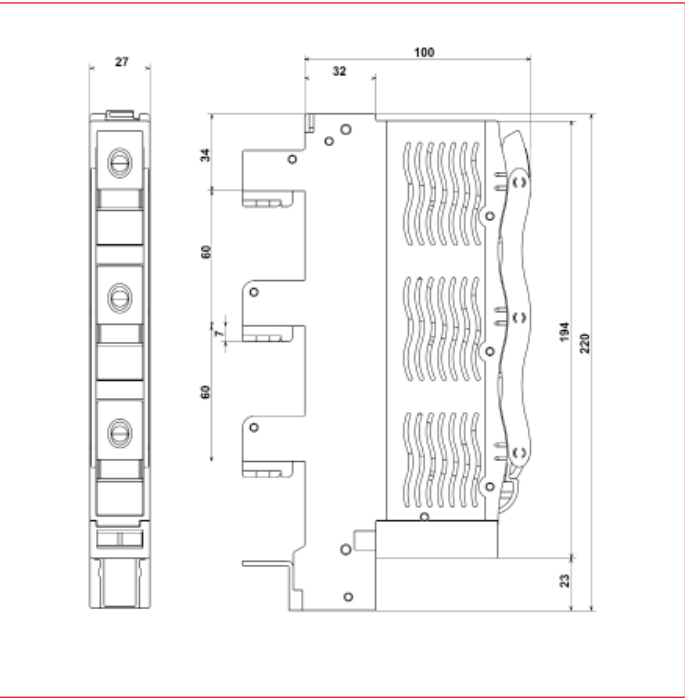
SI311580

Schrack-Info

- Simple wiring because the connection is outside of the busbar-system on the bottom of D02- bus-mounted fuse switch
- With reducer insert (article no. SI319020) and adapter sleeves, also suitable for D01 fuse links.
- Under permanent load above 35A, the use of side-mounted module (article no. SI319010) is recommended.

| Type | D02-fuse-load-breaker for busbar-system |
|--|--|
| Approved with fuse links of characteristics | gG |
| Standards | IEC 60947-1, IEC 60947-3, VDE 0638/09.81 |
| Rated current (IEC) | 63A |
| Busbar-system | 60mm |
| Busbar type | 5mm or 10mm |
| Busbar high | 12, 15, 20, 25 or 30mm |
| Rated voltage (IEC) | 400V-AC |
| Rated voltage (IEC) | 110V-DC |
| Category of use AC (IEC 60947-3) | AC-23A (400 V) |
| Category of use DC (IEC 60947-3) | DC-21B (48 V) 1-pole, DC-21B (110V) 2-pole |
| Power dissipation: | 10,5W (6,7W at 80%, typical load) |
| Rated isolation voltage U_i | 500V-AC |
| Rated surge voltage U_{imp} | 6kV |
| Max. permitted voltage (IEC) | 800V-AC |
| Max. permitted voltage (IEC) | 110V-DC |
| Cond. rated short-circuit current with fuses | 50kA / 400V-AC |
| Terminals | Frame-terminal |
| Terminal capacity | Cu 1,5 - 16 mm ² flexible without ferrule |
| | Cu 1,5 - 16 mm ² flexible with ferrule |
| | Cu 1,5 - 6 mm ² round solid |

Dimensions



| DESCRIPTION | AVAILABLE | ORDER NO. |
|---|-----------|-----------------|
| Bus-mounted fuse switch for fuse links D0 | | SI311580 |
| Side-mounted module for both sides, from 35A on | | SI319010 |
| D02-Reducer for D01 fuses 2-16A | | SI319020 |
| Auxiliary contact, 1 CO, 250V-AC / 5A or 30V-DC / 4 A | | SI319030 |



Order no. blue: on stock, usually ready for delivery on the day of order

D02 busbar fuse base series for 60mm-system



SI016470



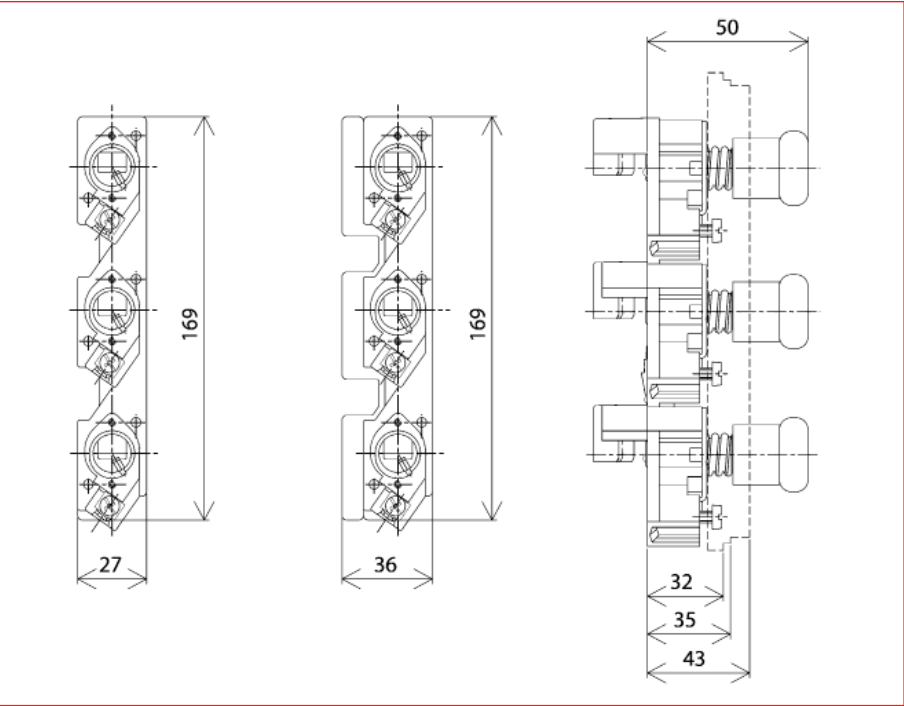
SI019800

Schrack-Info

- 3-pole Version
- Combination foot makes it suitable for 5 and 10 mm thick busbar
- For busbars 12-30x5/10, TT and TTT profile
- Latching mechanism when pushed onto the busbar.
- In one operation mechanically fixed and electrically contacted
- From a permanent load of 35A, the 36mm wide version is recommended

| Type | D02-fuse-base for busbar-system |
|--|---|
| Approved with fuse links of characteristics | gG |
| Standards | IEC 60947-1, IEC 60947-3 |
| Rated current (IEC) | 63A |
| Busbar-system | 60mm |
| Busbar type | 5mm or 10mm |
| Busbar high | 12, 15, 20, 25 or 30mm |
| Rated voltage (IEC) | 400V-AC |
| Power dissipation: | 5,9W (3,8W at 80%, typical load) |
| rated isolation voltage U_i | 500V-AC |
| Rated surge voltage U_{imp} | 6kV |
| Cond. rated short-circuit current with fuses | 50kA / 400V-AC |
| Terminals | Frame-terminal |
| Terminal capacity | Cu 1,5 - 25mm ² flexible without ferrule |
| | Cu 1,5 - 25mm ² flexible with ferrule |
| | Cu 1,5 - 6mm ² round solid |

SI016470 / SI014980 Dimensions



| DESCRIPTION | AVAILABLE | ORDER NO. |
|--|-----------|-----------|
| D02 bus-mounting fuse base shrouded | | SI319350 |
| D0-fuse base E 18, 63 A, 3-pole, busbar-mounting, 27mm | | SI016470 |
| D0-fuse base E 18, 3-pole, busbar-mounting, 36mm with distance strip | | SI014980 |
| 27 mm wide D0 strip cover E 18, 3-pole, 1 - fold | | SI019800 |
| 36 mm wide D0 strip cover E 18, 3-pole, 1-1/3 - fold | | SI014240 |
| 54 mm wide D0 strip cover E 18, 3-pole, 2 - fold | | SI019810 |
| D02 screw cap E 18, 63 A, plastic 400 V, plastics material | | SI310060 |



Accessories for D0-fuse-material



SI011040

| DESCRIPTION | AVAILABLE | ORDER NO. |
|--|-----------|-----------------|
| D01 screw cap E 14, 16 A, plastic 400 V, plastics material | | SI310050 |
| D02 screw cap E 18, 63 A, plastic 400 V, plastics material | | SI310060 |
| D0-screw cap D0, E14, porcelain 400 V | | SI011030 |
| D0-screw cap D0, E18, porcelain 400 V | | SI011040 |
| Connecting terminal 35mm ² for D0-busbar | | SI315500 |
| Infeed block, 50mm ² for busbar and Pin busabr | | IS504748 |
| Solid-links Set w. 3 pcs. for Tytan R, Tytan T, ARROW ON | | IS504859 |

