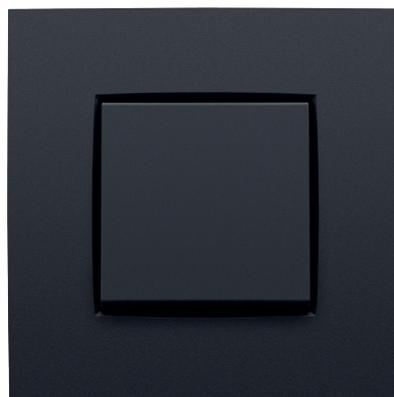


Push-button dimmer 2 - 100 W, 3 wire

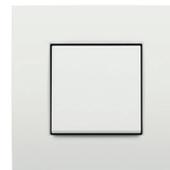
Dimmer for dimmable Philips LED fittings (Ledino), incandescent lamps, dimmable economy lamps, 230 V halogen lamps and electronic transformers, 3 wire



Push-button dimmer 2 - 100 W, 3 wire

Dimmer for dimmable Philips LED fittings (Ledino), incandescent lamps, dimmable economy lamps, 230 V halogen lamps and electronic transformers, 3 wire

- to be used with or without light value memory
- up to 30 control points with NO push buttons (170-0000x), also when replacing single-pole, two-way or intermediate switching
- power supply voltage: 230 Vac \pm 10%, 50 Hz
- dimmable Philips LED fittings (Ledino): 100 W
- incandescent lamps: 100 W
- dimmable economy lamps: 100 W
- 230 V halogen lamps: 100 W
- electronic transformer: 100 VA
- minimum load: 2 W
- maximum load: 100 W
- overload protection with automatic reset function
- electronic short-circuit protection
- connection terminals: 2 x 1.5 mm² or 1 x 2.5 mm²
- ambient temperature: 35 °C



BASE



310-02800 Pieces: 6 With screw terminals and claws



310-02801 Pieces: 6 With screw terminals, for screw fixing

FINISHING SET



| | | | | | | | | |
|---|------------------|------------|---|------------------|------------|---|------------------|------------|
|  | 100-31002 | Pieces: 10 |  | 101-31002 | Pieces: 10 |  | 102-31002 | Pieces: 10 |
|  | 104-31002 | Pieces: 10 |  | 121-31002 | Pieces: 10 |  | 122-31002 | Pieces: 10 |
|  | 123-31002 | Pieces: 10 |  | 124-31002 | Pieces: 10 |  | 154-31002 | Pieces: 10 |
|  | 157-31002 | Pieces: 10 |  | 161-31002 | Pieces: 10 |  | 200-31002 | Pieces: 10 |
|  | 220-31002 | Pieces: 10 |  | 221-31002 | Pieces: 10 | | | |

310-02800

4 year warranty

Base for flush-mounting push button dimmer 2 - 100 W, 3 wire



Base for a universal push button dimmer with a capacity of 2 - 100 W. A finishing set XXX-31002 in a colour of your choice should be ordered separately.

Base for flush-mounting push button dimmer 2 - 100 W, 3 wire. This flush-mounted dimmer with reverse phase control is suitable for dimmable Philips © LED fixtures (Ledino), incandescent lamps, dimmable economy lamps, 230 V halogen lamps and electronic transformers. Maximum 30 control points with N.O. push buttons in parallel. Connection of the push buttons in various configurations is possible. A brief press of the button switches the light on or off. A longer press controls the dimmer. Pressing again reverses the dimming direction. Can be used in single-pole, two-way or intermediate circuits. Use with or without memory can be set using the push button input. Minimum dimming level can be set for an optimum dimming range and the avoidance of the flickering or extinguishing of lamps at the minimum dimming level. Non-volatile memory. For use with or without light value memory

The sockets are equipped with screw terminals for clamping the wires. When mounting in a flush-mounting box with grip surfaces, use claws that can be rotated open using screws with a slotted screwhead (slot 0.8 x 5 mm). The claws, which have a depth of engagement of 31 mm, turn back completely when loosened. The flush-mounting frame is made from 1 mm-thick metal which is galvanized on all sides after cutting, even on the cut edges. On the horizontal and vertical axes, the flush-mounting frame has 4 grooves for screw mounting in flush-mounting boxes. These grooves have a screw aperture of 7 mm. For mounting on panels, the flush-mounting frame is equipped with 4 screw holes (indicated by a screw symbol) with a diameter of 3 mm. The middle of the flush-mounting frame is indicated (chalk line, laser, ..) in both the horizontal and vertical directions, so that mounting one or more mechanisms can be carried out quickly and easily. At the right and left sides, the flush-mounting frame is equipped with folded-up dovetails, allowing for a quick and perfect horizontal coupling of several switches. The folded-up edges on the outside of the base and their continuation to the inside ensure additional robustness. The bases can be coupled vertically with a centre-to-centre distance of 60 x 71 mm by sliding them into each other. They automatically lock into place. For horizontal coupling of bases with a centre-to-centre distance of 71 mm, the base is equipped with two pre-formed lips at the bottom. By folding these lips down over a length of 1 mm, this rests perfectly on the one below and the centre-to-centre distance of 71 mm is guaranteed. The flush-mounting frame is equipped, both on the top and the bottom, with a dark grey, plastic end border. This border is made of PC+ASA and is joined to the flush-mounting frame using a melting process. The corners of the two end borders are equipped with rectangular openings (7.9 x 1.5 mm) each containing a multi-positional snap hook. Thanks to the snap hooks, the 4 rectangular openings ensure that the flush surround plate can always be attached flat to the wall, even in cases of untidy plasterwork. This works in two directions: If the flush-mounting box sticks out of the plasterwork, the multi-positional snap hooks can compensate for a 1 to 1.2 mm margin; if the flush-mounting box is sunk too deeply in the plasterwork, the snap hooks can compensate for up to a 1.8 mm margin. The end borders also have 4 round openings that ensure the correct positioning of the flush surround plate in relation to the central plate.

| | |
|---|--|
| Wire capacity | 2 x 1.5 mm ² or 1 x 2.5 mm ² per connection terminal |
| Input voltage | 230 Vac ± 10 %, 50 Hz |
| Minimum load | 2 W |
| Maximum load 230V-halogen lamps | 100 W |
| Maximum load electronic transformer | 100 VA |
| Maximum load bulb | 100 W |
| Maximum load economy lamps (CFLi) | 100 W |
| Maximum load Philips LED light fittings | 100 W |
| Protection from overload | thermal overload protection with automatic reset function |
| Short circuit proof | electronic short-circuit protection |
| Capacity reduction | at an ambient temperature above 35 °C the maximum load will decrease by 5 % per 5 °C |
| Connection terminals | 6 connection terminals |
| Flush-mounting depth | 40 mm minimum depth of the flush-mounting box |
| Marking | CE |



310-02801

4 year warranty

Base for flush-mounting push button dimmer 2 - 100 W, 3 wire



Base for a universal push button dimmer with a capacity of 2 - 100 W. A finishing set XXX-31002 in a colour of your choice should be ordered separately.

Base for flush-mounting push button dimmer 2 - 100 W, 3 wire. This flush-mounted dimmer with reverse phase control is suitable for dimmable Philips © LED fixtures (Ledino), incandescent lamps, dimmable economy lamps, 230 V halogen lamps and electronic transformers. Maximum 30 control points with N.O. push buttons in parallel. Connection of the push buttons in various configurations is possible. A brief press of the button switches the light on or off. A longer press controls the dimmer. Pressing again reverses the dimming direction. Can be used in single-pole, two-way or intermediate circuits. Use with or without memory can be set using the push button input. Minimum dimming level can be set for an optimum dimming range and the avoidance of the flickering or extinguishing of lamps at the minimum dimming level. Non-volatile memory. For use with or without light value memory

The sockets are equipped with screw terminals for clamping the wires. When fixing in a flush-mounting box screws should be used. The flush-mounting frame is made from 1 mm-thick metal which is galvanized on all sides after cutting, even on the cut edges. On the horizontal and vertical axes, the flush-mounting frame has 4 grooves for screw mounting in flush-mounting boxes. These grooves have a screw aperture of 7 mm. For mounting on panels, the flush-mounting frame is equipped with 4 screw holes (indicated by a screw symbol) with a diameter of 3 mm. The middle of the flush-mounting frame is indicated (chalk line, laser, ..) in both the horizontal and vertical directions, so that mounting one or more mechanisms can be carried out quickly and easily. At the right and left sides, the flush-mounting frame is equipped with folded-up dovetails, allowing for a quick and perfect horizontal coupling of several switches. The folded-up edges on the outside of the base and their continuation to the inside ensure additional robustness. The bases can be coupled vertically with a centre-to-centre distance of 60 x 71 mm by sliding them into each other. They automatically lock into place. For horizontal coupling of bases with a centre-to-centre distance of 71 mm, the base is equipped with two pre-formed lips at the bottom. By folding these lips down over a length of 1 mm, this rests perfectly on the one below and the centre-to-centre distance of 71 mm is guaranteed. The flush-mounting frame is equipped, both on the top and the bottom, with a dark grey, plastic end border. This border is made of PC+ASA and is joined to the flush-mounting frame using a melting process. The corners of the two end borders are equipped with rectangular openings (7.9 x 1.5 mm) each containing a multi-positional snap hook. Thanks to the snap hooks, the 4 rectangular openings ensure that the flush surround plate can always be attached flat to the wall, even in cases of untidy plasterwork. This works in two directions: If the flush-mounting box sticks out of the plasterwork, the multi-positional snap hooks can compensate for a 1 to 1.2 mm margin; if the flush-mounting box is sunk too deeply in the plasterwork, the snap hooks can compensate for up to a 1.8 mm margin. The end borders also have 4 round openings that ensure the correct positioning of the flush surround plate in relation to the central plate.

| | |
|---|--|
| Wire capacity | 2 x 1.5 mm ² or 1 x 2.5 mm ² per connection terminal |
| Input voltage | 230 Vac ± 10 %, 50 Hz |
| Minimum load | 2 W |
| Maximum load 230V-halogen lamps | 100 W |
| Maximum load electronic transformer | 100 VA |
| Maximum load bulb | 100 W |
| Maximum load economy lamps (CFLi) | 100 W |
| Maximum load Philips LED light fittings | 100 W |
| Protection from overload | thermal overload protection with automatic reset function |
| Short circuit proof | electronic short-circuit protection |
| Capacity reduction | at an ambient temperature above 35 °C the maximum load will decrease by 5 % per 5 °C |
| Connection terminals | 6 connection terminals |
| Flush-mounting depth | 40 mm minimum depth of the flush-mounting box |
| Marking | CE |

