Double smart USB-A and USB-C charger 3,5 A

This smart USB charger charges one or two mobile devices, such as mobile telephones, tablets, cameras, MP3 players and navigational devices. The devices must be suitable for charging via a USB-A or USB-C port.

The "smart" functionality ensures that the mobile device is charged in the fastest way possible (dynamic device recognition).

The current is divided over both outputs and amounts to 3.5 A maximum over both outputs combined. The maximum current amounts to 3.5 A on the individual output. When both outputs are used simultaneously, the available current will be divided. 5,0 V is delivered per output. The power depends on the current and voltage and amounts to 17.5 W maximum on both outputs combined.

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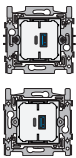
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- mounting: flush-mounting box with flush-mounting depth of minimum 50 mm
- power supply voltage: 100 – 230 V AC ± 10%, 50 – 60 Hz
- maximum power consumption: 200 mA (230 V AC)
- stand-by consumption: < 100 mW (230 V AC)
- output voltage: 5 V DC ± 5%
- double USB 3.0 connection: type A and type C
- maximum output current: 3500 mA at Ta 35 °C

- connection terminals: 2 (maximum capacity per screw terminal: 2 x 2.5 mm^2)
- overvoltage category III
- charging behaviour in compliance with IEC62694
- CE marked
- USB C ready, if the correct cable is used
- dynamic device recognition

BASE

		420-00512	Pieces: 6	With claw fixing
	NEW	420-00513	Pieces: 6	With screw terminals, for screw fixing

100-68002	Pieces: 10		101-68002	Pieces: 10		102-68002	Pieces: 10
104-68002	Pieces: 10		121-68002	Pieces: 10		122-68002	Pieces: 10
123-68002	Pieces: 10		124-68002	Pieces: 10		154-68002	Pieces: 10
157-68002	Pieces: 10		161-68002	Pieces: 10		200-68002	Pieces: 10
220-68002	Pieces: 10		221-68002	Pieces: 10			

420-00512

Dual smart USB-A and USB-C charger, base 60x71, claw fixing

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Dual smart USB-A and USB-C charger, base 60x71, claw fixing. The smart USB charger comprises a module of 45 x 45 x 42 mm (HxWxD) that is clicked into a metal flush-mounting frame with an opening of 45 x 45 mm by way of two snap hooks. The module is fitted with two screw terminals (2 x 2.5 mm²). There are two holes on the rear of the module for screwing on the terminals of the connector. The module can be supplied with 100 - 240 V AC ± 10% with a mains frequency of 50 - 60 Hz. On its font side, the module is equipped with two USB connectors onto which a wire with a type A connector can be connected. It has a charging behaviour which complies with the IEC62694 standard. It is possible to charge two mobile devices simultaneously. The maximum output current is 3500 mA, distributed over the two USB connectors at an ambient temperature of 35 °C. When there are no devices connected to the USB output, the module has a stand-by consumption of maximum 0.1 W. A finishing set can be mounted on the module with two snap hooks. The housing of the module consists of two parts which are clicked to one another in five places. The USB charger complies with overvoltage category III and EN60950-1 and EN301489-34 standards. Each connector block is equipped with cage clamps with permanent screws. The screws have a slotted screwhead (slot 1 x 4.5 mm). Moreover, every screw is provided with a screwdriver slot that prevents the screwdriver from sliding off the screwhead. All connection terminals are located at the top of the end socket and can contain up to 2 x 2.5 mm² of wire. When mounting the socket outlet in a flush-mounting box with grip surfaces, use claws that can be rotated open using screws with a combination screwhead (Pz2 or slot 1 x 5.5 mm). The claws, which have an engagement depth of 23.5 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 faceplate 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 faceplate in relation to the central plate.
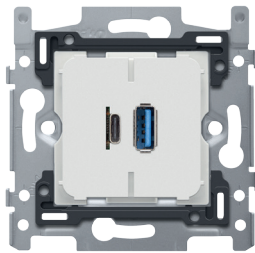
- Average active efficiency: 86%
- Efficiency at low load (10 %): 79%
- Input voltage: 100 - 230 V AC ± 10%
- Input AC frequency: 50 - 60 Hz
- No-load power consumption: < 0.1 W

- All plastic components are self-extinguishing (comply with a filament test of 650 °C) and are halogen-free.

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420-00513

Dual smart USB-A and USB-C charger, base 60x71, screw fixing

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- Efficiency at low load (10 %): 79%
- Input voltage: 100 - 230 V AC ± 10%
- Input AC frequency: 50 - 60 Hz
- No-load power consumption: < 0.1 W

- All plastic components are self-extinguishing (comply with a filament test of 650 °C) and are halogen-free.
- Protection degree: The combination of a mechanism, a central plate and a faceplate has a protection degree of IP41
- Impact resistance: The combination of a mechanism, a central plate and a faceplate has an impact-resistance of IK06
- Ambient temperature: -5 – +40 °C
- Marking: CE

CE