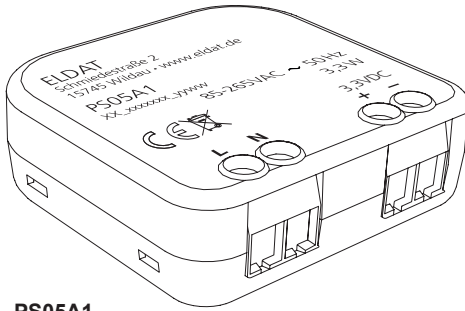


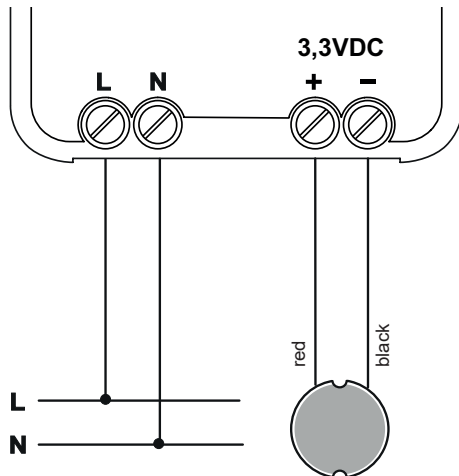
EN PS05 Flush-mounted power supply 230V/3.3V with battery replacement

Models



PS05A1

Wiring Diagram



Wire cross-sections

Only wires with a cable cross-section of 0.5 mm² to 2.5 mm² shall be connected. The stripping-length of the connecting wires is 6 to 7 mm. The cross-section of the battery replacement module wires (+,-) shall be at least 0,25mm².

Technical Details

Power supply:	85-265 VAC, 50 Hz
Output:	3,3 V DC SELV
Power consumption:	0,18 W standby 3,30 W max.
Output power:	3 W max.
Operating temperature:	-20°C bis +60°C
Dimensions (W/L/H):	43,0/42,0/17,5 mm
Weight:	25 g (power supply) 3 g (battery replacement)

Battery replacement

Design:	CR2032
Wire cross section:	0,25 mm ² min.
Wire length:	105 mm (10 m max.)

Scope of Delivery

Flush-mounted power supply PS05,
Battery replacement PS05-ACC-01,
Operating manual

Intended Use

The device may only be used as an external power supply for ELDAT products powered by CR2032 batteries and only indoors.

The manufacturer will not be liable for damage caused by improper or inappropriate use.

Safety Advice



Before installing the device, carefully read through this operating manual!

- The electrical installation may only be performed by an authorised and qualified electrician.
- The load current circuit on which the device is operated must be protected by a circuit breaker switch
- Have faulty units checked by the manufacturer!
- Do not make any unauthorized alterations or modifications to the unit!



Functions

The PS05 flush-mounted power supply unit can be used as an external power source for ELDAT products.

To do this, the included battery replacement is inserted into the products in place of the standard CR2032 battery. This provides the device with continuous power.

A single flush-mounted power supply unit can power up to 10 devices. However, the 3.3 V connecting cables must not exceed a length of 10 meters and must have a cross-section of at least 0.25 mm².

The battery replacement is designed exclusively to replace CR2032 batteries. Other battery types are **not** compatible.

The maximum output power of 3 watts must not be exceeded. The power supply unit is protected against short circuits and overloads. Nevertheless, it is recommended to power a maximum of 10 ELDAT products using a single PS05 power supply unit.

Commissioning



The power supply must be installed and commissioned by a qualified electrician in a commercially available flush-mounted installation box.

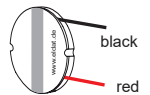
1. Switch off the supply voltage.
2. Connect the battery replacement unit to the flush-mounted power supply unit, connecting the red wire to the "+" terminal and the black wire to the "-" terminal.
3. Connect the supply voltage to terminals "L" and "N". Observe applicable electrical regulations!
4. Slide the battery replacement unit under the battery holder of the device to be powered. Ensure correct installation orientation. The positive terminal (see "Battery Replacement") of the module must generally be visible. Further information can be found in the operating instructions for the respective product.
5. Install the PS05 power supply unit in a flush-mounted installation box, e.g. behind a wall switch.
6. Mount the wall switch onto the flush-mounted box and switch the supply voltage back on.

Battery Replacement

The battery replacement module, like a conventional CR2032 battery, has a positive (+, red) and a negative (-, black) terminal.

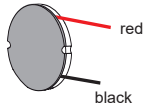
Positive terminal (+)

- strip-shaped contact area
- red wire, bottom left
- „www.eldat.de“ readable

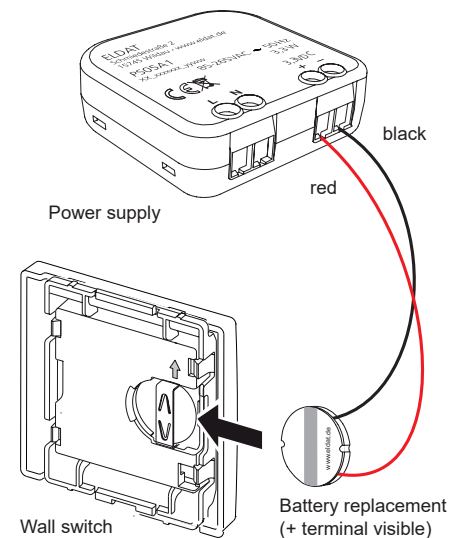


Negative terminal (-)

- full surface contact area
- black wire, bottom left
- no labeling



The battery replacement is inserted into the transmitter in the same location and with the same polarity as the standard CR2032 battery:



Disposal

Waste electrical products should not be disposed of with household waste!

Dispose of the waste product via a collection point for electronic scrap or via your specialist dealer. Put the packaging material into the recycling bins for cardboard, paper and plastics.



Warranty

We will remedy defects on the device based on material or production errors or exchange the device within the statutory warranty period. Any unauthorized tampering with, or modifications to, the product shall render this warranty null and void.

Conformity



Hereby, ELDAT EaS GmbH declares that the radio equipment type PS05 is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: www.eldat.de

Customer Service

If the device does not work properly despite proper handling or in case of damage, please contact the manufacturer or your retailer.

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