

## Bus Supply for DIN rail

## D-BUSSUPPLY

### Description

DIN rail bus supply with optical coupler to connect bus lines protected by different RCD. We can connect up to 40 modules on the network side and up to 8 other D-BUSSUPPLY units on the isolated side.

### Functionalities

- Creates the necessary protocol conditions to communicate and act with Atouch devices;
- Galvanic isolation between the 2 bus lines;
- Generator of general commands.

### Application

Housing, Hotels, Offices, Factories.

### Accessories

None.

### Certifications

- EN 60669-2-1
- Low voltage directive 2014/35 / EU
- EMC directive 2014/30 / EU

### Protections

This unit must be protected by a 6A circuit breaker. This circuit breaker can also protect the supply of other Atouch DIN rail modules protected by the same differential switch.

### Notes

Bus lines protected by different RCD cannot be connected directly. They must be connected via the isolated bus of these units. Only one unit can supply the isolated bus, so the jumper on all other units must be removed.



### Installation

DIN rail mounting. 3 spaces modules.

### Connections

Network side:

- Phase x 1 for 1.5 mm wire Ø
- Neutral x 1 for 1.5 mm wire Ø
- Bus x 4 for 1.5 mm wire Ø

Isolated side:

- Isolated bus x 2 for 1.5 mm wire Ø
- Insulated ground x 2 for 1.5 mm wire Ø

### Electrical characteristics

Power:	230 V 50 Hz
Maximum consumption:	1.5 W

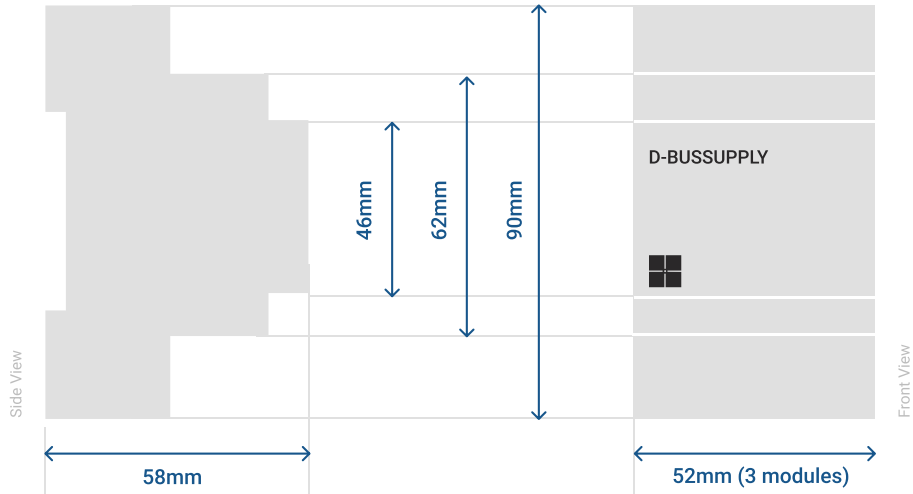
### Warranty

The warranty period is 24 months. Keep the invoice preserved for this purpose. Warranty is void if the product shows damage caused by misuse, including dents or superficial damage such as scratches, cuts, tears, and changes to the labels surrounding the product.

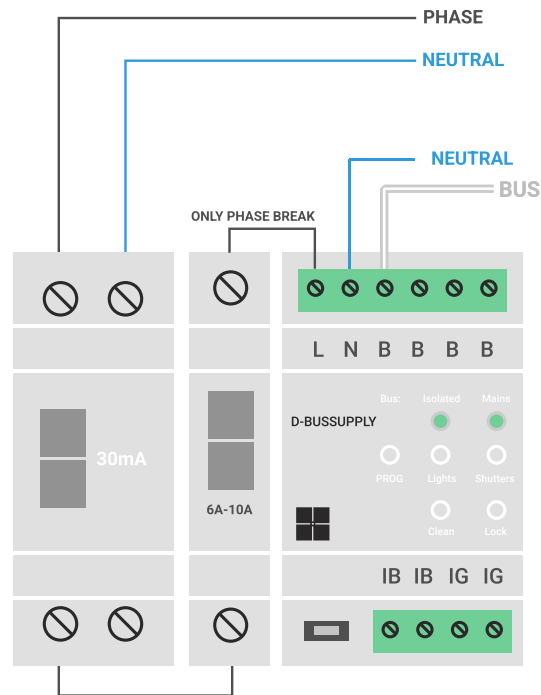
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Dimensions



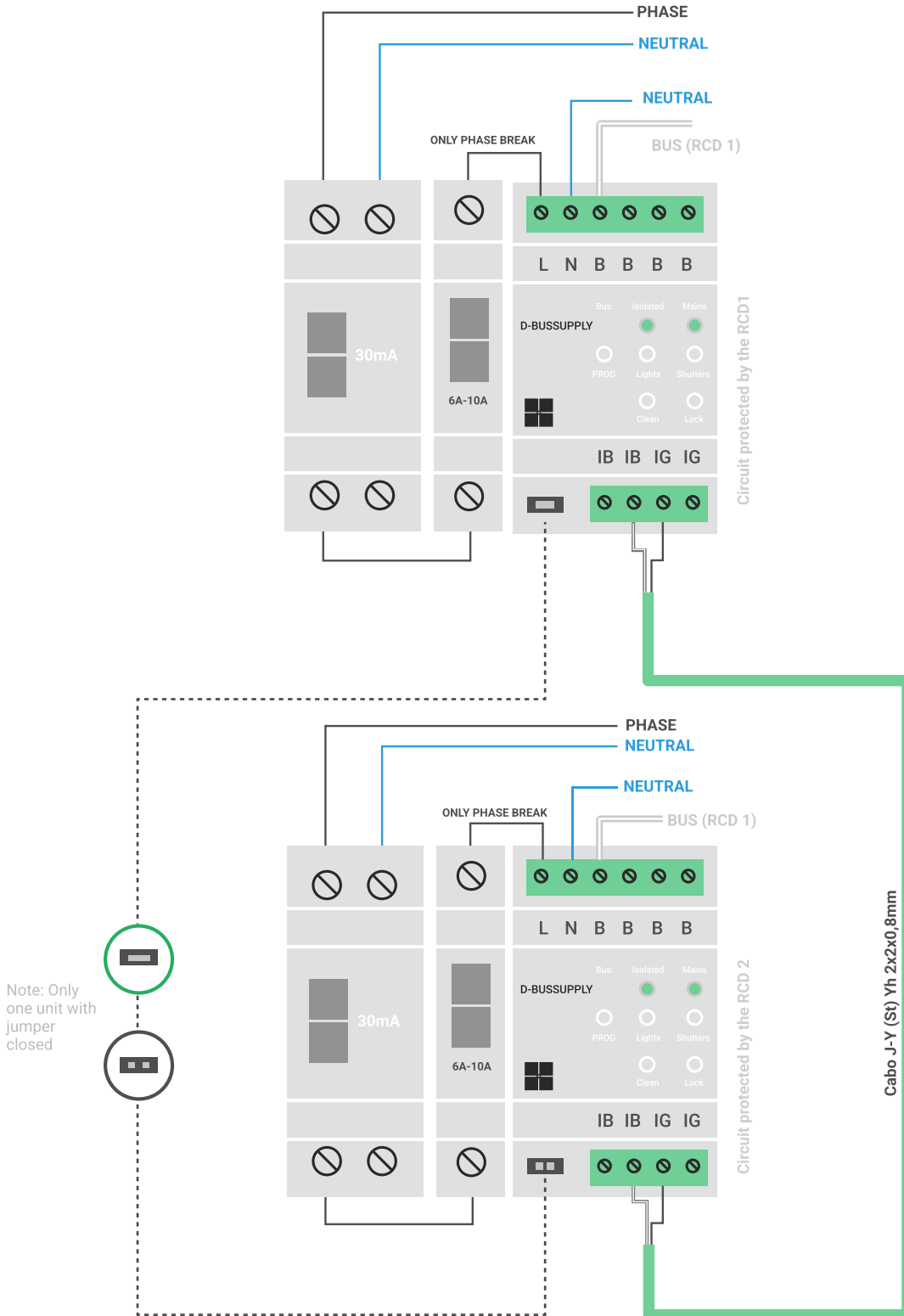
Wiring diagram - Power Supply



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Wiring diagram with two RCD



Note: Only one unit with jumper closed

Cabo J-Y (St) Yh 2x2x0,8mm



EEE contains hazardous substances that are harmful to human health and the environment. Never dispose of any electrical and electronic equipment in unsorted waste.