

## 8 x on / off switch 16 DIN rail

## D-80NOFF

### Description

DIN rail unit for switching 8 outputs from 230V ~ up to 16A in total.

For switching lights or other electrical loads.

The unit is also equipped with 4 binary inputs for voltage detection.

### Functionalities

- Programmable time switching;
- Shutdown after programmable delay;
- Scenarios;
- 4 binary inputs for reading contacts;
- Each output can be associated with up to 20 buttons / keys.

### Application

Housing, Hotels, Offices, Factories.

### Accessories

none

### Certifications

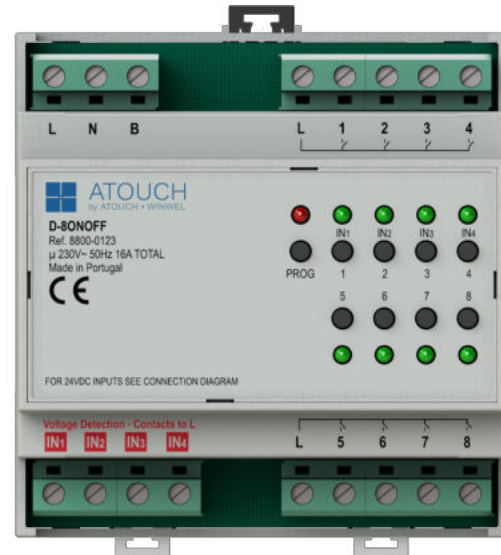
- EN 60669-2-1
- Low voltage directive 2014/35 / EU
- EMC directive 2014/30 / EU

### Protections

The power of 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. The loads must be protected by a circuit breaker up to 16 amps.

### Notes

The starting current of capacitive loads can greatly exceed the rated current of the relays, causing damage to them. In such cases, a contactor must be used.



### Assembly

DIN rail mounting, 5 space modules.

### Connections

- Phase x 1 for 1.5 mm wire Ø
- Neutral x 1 for 1.5 mm wire Ø
- Bus x 1 for 1.5 mm wire Ø
- IN L x 1 for 1.5 mm wire Ø
- OUT 1, 2, 3, 4 x 1 for wire 1.5 mm Ø
- IN L x 1 to 1.5 mm Ø
- OUT 5, 6, 7, 8 x 1 for 1.5 mm wire Ø
- Binary inputs x 4 for 1.5 mm Ø wire

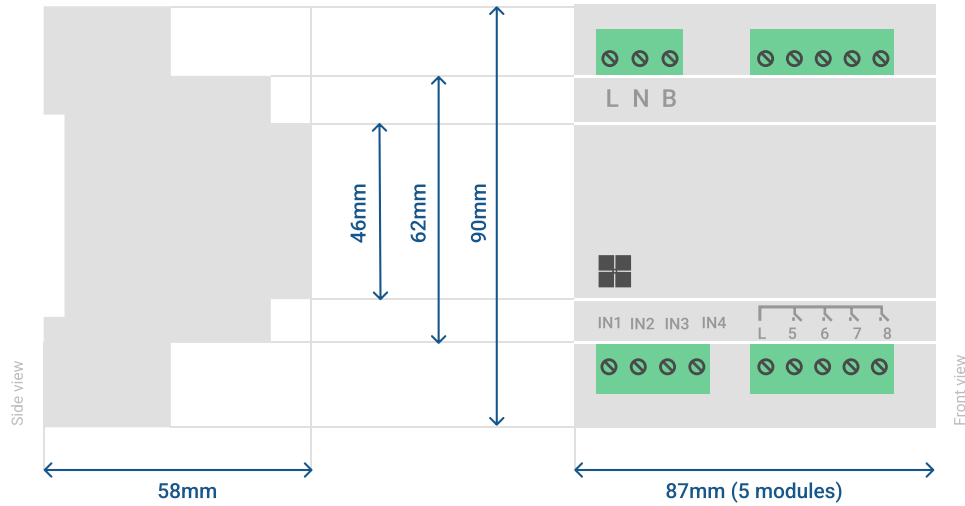
### Electrical characteristics

|                      |  |
|----------------------|--|
| Power:               | 230 V 50 Hz  |
| Maximum consumption: | 1.5 W  |
| Maximum current:     | 16 A total (cos φ = 1)<br>10 A total (cos φ = 0.6) |
| Contact matter:      | Ag alloy (Cd free)                                 |
| Input circuit:       | Voltage detection<br>24VDC or 230VAC               |

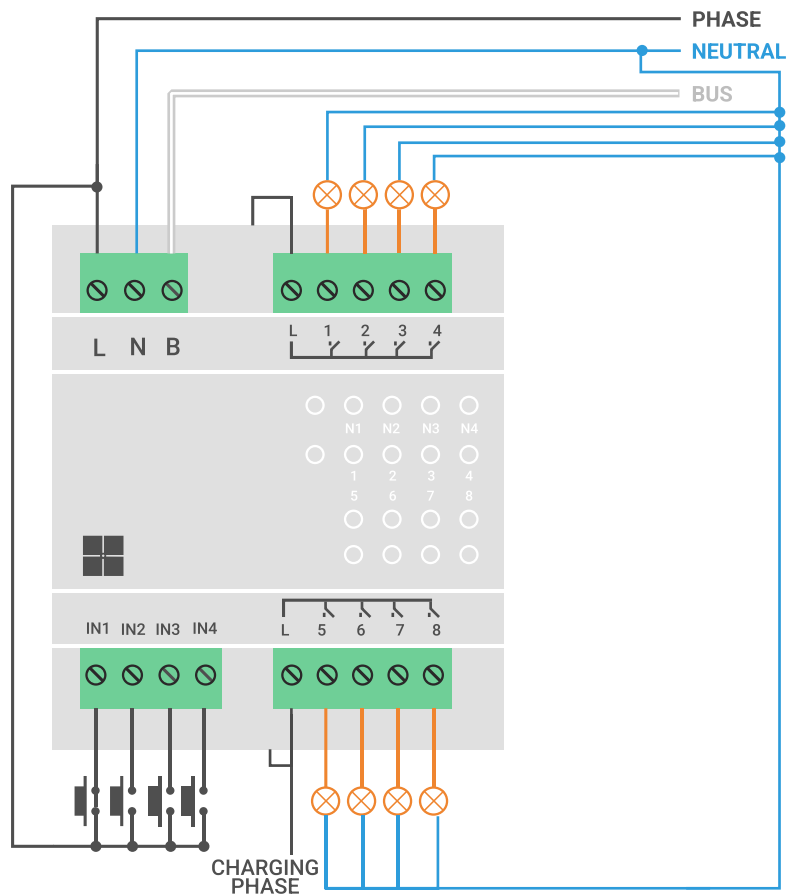
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Dimensions



Wiring diagram



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Wiring diagram with separate circuit breaker

