

P1 Port Splitter DIN (1A)

P1H-203-1A

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Description:

P1H-203-1A “P1 Port splitter DIN” device is designed to allow simultaneous connection of three P1 modules to the Smart Meter.

P1H-203-1A uses active connection between all P1 ports. Major P1 port lines are connected to each other via active components. The signal on DATA line is regenerated and separately transmitted to each P1 module. This allows for usage of a longer RJ-12 cable.

P1H-203-1A splitter contains an internal power supply, powered from 230V, which can deliver in total 1A of current to connected P1 modules.

The “DATA Request” line is connected via internal logic, allowing an independent data request per module.

The device is equipped with two LEDs. One indicates the status of “DATA Request” line, and the other status of “+5V line”.

Key features:

- 1** Allows connection of three P1 modules to the Smart Meter.
- 2** Active connection between P1 ports.
- 3** Internal power supply able to deliver up to 1A of current to the connected P1 modules.
- 4** DATA line signal regeneration, allows usage of a longer RJ-12 cable. Up to 5m long.
- 5** Data Request logic allows independent data request per module.
- 6** Compatible with DSMR 2.2, DSMR 4.X, DSMR 5.0 and DSMR 502 (Belgian)
- 7** Tested against most major Smart Meters available on the Dutch and Belgian market.
- 8** DIN-RAIL 35 mm compatible.

Technical specification:

Compatible with Smart Meter standards:	DSMR 2.2, DSMR 4.0, DSMR 4.2, DSMR 5.0, DSMR 5.02 (BE)
Installation:	DIN-RAIL, 35 mm
P1 current consumption:	max: 10 mA
Operating voltage:	100 – 240V/AC, 50/60 Hz
Power input:	max: 100 mA
Power consumption:	max: 7 W
Required wire end sleeves:	1,5 mm ²
Ambient operating temperature:	-10°C to +55°C
Storage temperature:	-40°C to +70°C
Air humidity:	Max. 90% rel. humidity, non-condensing
Dimensions:	120 x 86 x 52.5 mm
Weight:	120 g
Warranty:	2 years

More info:

More info about this product and the latest documentation can be found on the following web page:

<http://www.tech4u.info/product-info/P1H/P1H-203-1A/>



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