

P1 Port Splitter ver. 2.00

P1H-005

Universal P1 port splitter



Description:

P1H-005 “P1 Port splitter” device is designed to allow simultaneous connection of two P1 modules to the Smart Meter.

P1H-005 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 longer RJ-11 cable.

The “DATA Request” line is connected via internal logic, allows 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 two P1 modules to the Smart Meter.
- 2** Active connection between P1 ports.
- 3** DATA line signal regeneration, allows usage of a longer RJ-11 cable. Up to 5m long.
- 4** Data Request logic allows independent data request per module.
- 5** Compatible with DSMR 4.0 and DSMR 5.0
- 6** Compatibility with DSMR 2.2 secured via external power supply (sold separately).
- 7** Tested against most major Smart Meters available on the Dutch market.

Technical specification:

Compatible with Smart Meter standards:	DSMR 2.2 ⁽¹⁾ , DSMR 4.0, DSMR 4.2, DSMR 5.0
P1 current consumption:	max: 10 mA
Ambient operating temperature:	-10°C to +55°C
Storage temperature:	-40°C to +70°C
Air humidity:	Max. 90% rel. humidity, non-condensing
Dimensions:	67 x 36 x 20 mm
Weight:	25 g
Warranty:	2 years

(1) Compatibility with DSMR 2.2 secured via external power supply (sold separately).

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-005>



© 2017 Tech4u
Tech4u Logo is trademark of Tech4u