

Data sheet

HAN module P1

For Kamstrup electricity meters

Makes it possible for the consumer to see the current consumption or the export of electricity from e.g. solar cells or wind turbines, etc. To read this data, a display must be purchased.



Application

When connected to a display, the module can show the consumer the current consumption, with actual data. Thus, the consumer becomes more aware of his consumption and can take steps to reduce it.

The module sends information about the most important parameters to a display so the consumer can see the current consumption of electricity.

The consumer who, for example, has installed solar cells can also see how much electricity is exported to the grid.



HAN specifications

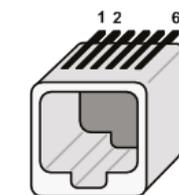
For supported registers see [5512-2584 OMNIPower HAN interface specification](#)

Technical data

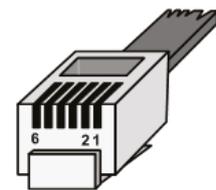
Standards	Complies with the Swedish Branche recommendation from 3/12-2019
Materials	Glass-reinforced polycarbonate
Weight	50 g
Sealing	After the mounting, the module can be sealed. Mounted without breaking the seal of the utility.
Protection class	IP20
Connection	RJ12
Cable length	Max 50 m.
Operating temperature	-40 °C to 70 °C
Humidity-relative	20 % RH to 70 % RH

The external display is connected via an RJ12 connector

PIN#	Signal name	Description	Remark
1	+5V	+5V power supply	Power supply line
2	Data Request	Data Request	Input
3	Data GND	Data ground	
4	n.c.	Not connected	
5	Data	Data line	Output. Open collector
6	Power GND	Power ground	Power supply line



Metering System
RJ12 female socket

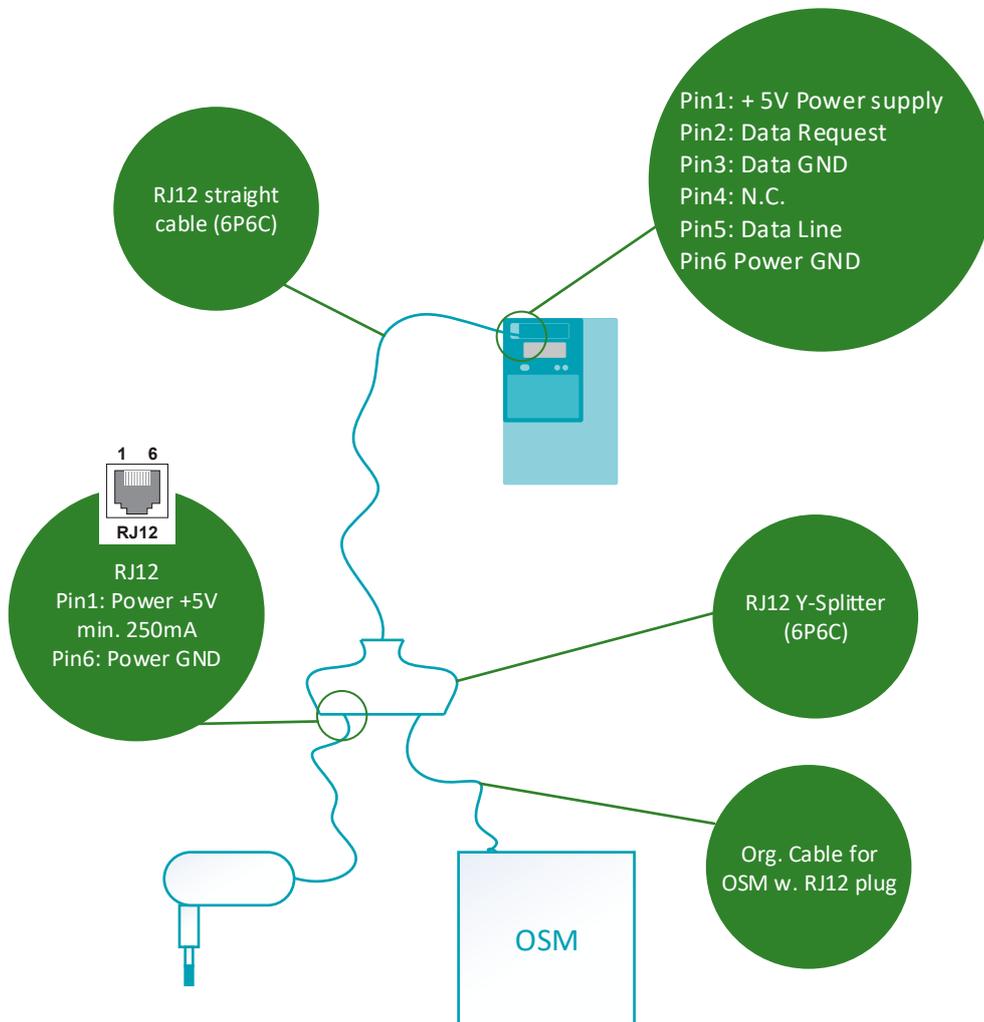


OSM
RJ12 male connector

The maximum current from the meter is 75 mA.

For higher current it is possible to mount an external splitter and powersupply as shown in the drawing below

Example of external splitter and power supply



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Ordering

HAN module

6840005

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