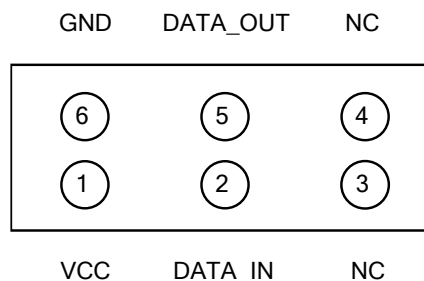


CCC Module interface

Meter (seen from above). Male connections.

The meter has a secondary module interface with of a 6-pole connector as shown below:



The meter has a galvanic isolation, and can withstand 4kVrms for 1minute between the module connector and main terminals. This is according to specifications described in EN50470-3.

This specification is valid only for conditions specified below:

Tambient between -40°C and +70°C.

Main supply: One, two or three phases of 230Vrms, +15%/-20%.

- | | |
|-------|---|
| Pin 1 | VCC
Supply output
Nominal voltage 4.15V± 0.25V, Rout < 0.6
Maximum current: 75mA |
| Pin 2 | DATA_IN
For serial communication of data to the meter.
The highest possible communication speed is 9600baud.
Internally 82kΩ pull up to 3.3V.
Input, high: Minimum 2.0V, Maximum 3.6V
Input, low: Minimum 0V, Maximum 0.8V |
| Pin 3 | NC
No connection must be made to the meter |
| Pin 4 | NC
No connection must be made to the meter |
| Pin 5 | DATA_OUT
For serial communication of data from the meter.
The highest possible communication speed is 9600baud.
Push/pull, <1.2kΩ series impedance. |
| Pin 6 | GND
All signals and supply voltage are referenced to GND. |