

pin_configure lets you change settings for certain pins on the WattmonPRO and MEGA.

This is actually not to be used unless you know what you are doing, because it may cause certain parts of the device to not function properly.

For the WattmonPRO:

```
pin_configure(int $pin_number, int $pin_type, optional int $cntype)
```

\$pin_number - the internal pin number for mapping, see below

\$pin_type - any of the following:

pin_type	description
1	OUTPUT (digital)
2	INPUT (digital)
4	ANALOG input
16	COUNTER (digital input)

The wattmonpro has 16 configurable pins:

Pin Index	Default	Pin (Physical)	Settable as	Description
0	A1 (PIN 1)	ANALOG	ANALOG/INPUT/OUTPUT	Voltage of primary input
1	A2 (PIN 2)	ANALOG	ANALOG/INPUT/OUTPUT	Voltage of A2 input
2	A3 (PIN 3)	ANALOG	ANALOG/INPUT/OUTPUT	Voltage of A3 input
3	internally available	ANALOG	ANALOG/INPUT/OUTPUT	No physical connection
6	DI1 (PIN 16)	INPUT	INPUT/COUNTER	Digital input (opto-isolated) or counter
7	DI2 (PIN 17)	INPUT	INPUT/COUNTER	Digital input (opto-isolated) or counter
8	DI3 (PIN 18)	INPUT	INPUT/COUNTER	Digital input (opto-isolated) or counter
9	DI4 (PIN 19)	INPUT	INPUT/COUNTER	Digital input (opto-isolated) or counter
10	DO1 (PIN 21)	OUTPUT	INPUT/OUTPUT	Digital output
11	DO2 (PIN 22)	OUTPUT	INPUT/OUTPUT	Digital output
12	DO3 (PIN 23)	OUTPUT	INPUT/OUTPUT	Digital output
13	DO4 (PIN 24)	OUTPUT	INPUT/OUTPUT	Digital output
14	RL Latch On	OUTPUT	INPUT/OUTPUT	Latches the relay on (should never be kept on for long, just pulse to switch)
15	RL Latch Off	OUTPUT	INPUT/OUTPUT	Latches the relay off (should never be kept on for long, just pulse to switch)

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