

# Ignition Controller

20205006468



- **Compatible with all faytech devices**
  - **Perfect for devices connected to engines or machinery**
  - **Possibility to couple with a battery to protect against micro power interruptions**
  - **Customized controlling program (counter control for power on/off, behavior)**
  - **On-board LED for status information**
  - **Installation service included**
- *Optional TTL communication for dynamic configuration*

With this ignition controller you are able to program your own way in which the faytech device turns on or off while being linked to any machinery.

It is the perfect accessory for applications in connection with engines, machinery or other related environments. The ignition controller can be combined with a battery to protect against micro power interruptions when necessary (works as a mini UPS solution).

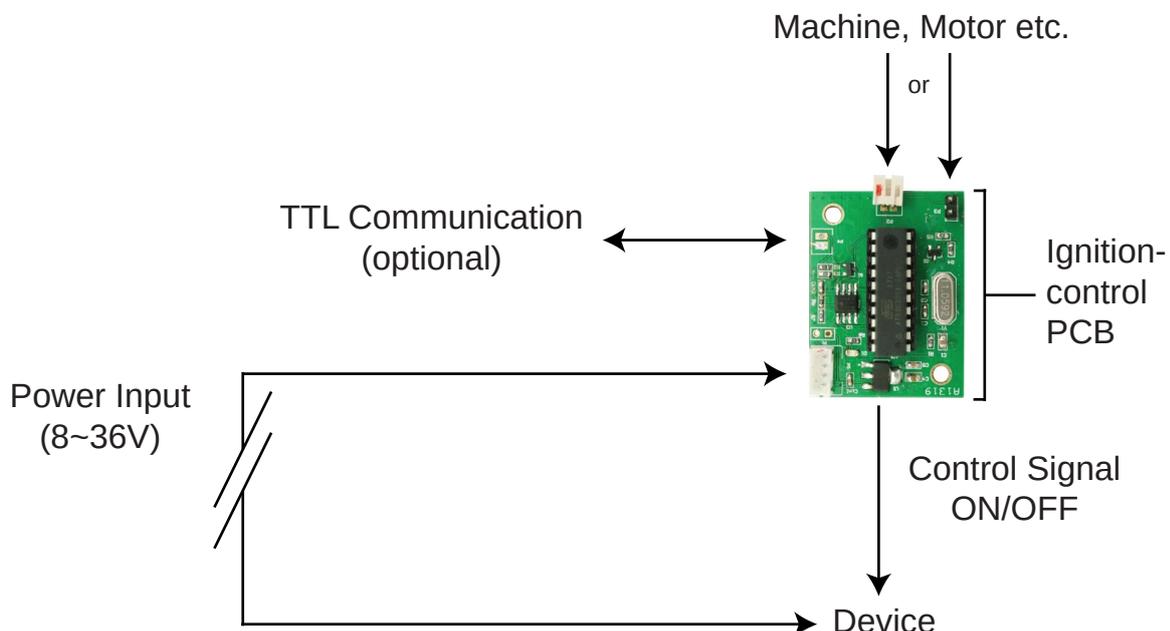


<b>Product name</b>	<b>Ignition Controller</b>
<b>Model No.</b>	<b>20205006468</b>

<b>Power</b>	
Range of input (V)	8~36
Output (V)	5

<b>Operation / Mechanical</b>	
Length of board (mm)	44.00
Width of board (mm)	33.00
Height of board (mm)	14.00

<b>Range of Application</b>	
All faytech Devices	



## Machine with a mounted touch device (PC or Monitor)

### w/o ignition controller:

- Linked touch device will turn on/off as soon as the machine is turned on/off
- The touch device is linked to a separate power source than the machine and needs to be turned off manually

### with ignition controller (possibilities):

- As soon as the machine turns off, the controller starts counting X minutes, once this is reached the touch device turns off. However should power be restored and the machine turned back on, the counting is cancelled and the device will not turn off.
- This would also work when turning on the machine, which would activate the counter to turn the touch device in X amount of minutes. This also works in reverse when turning on the touch device.

### Possibilities in customizing the ignition controller

- Count limit / time threshold
- Behavior of powering the device on/off
- Single way signal (on or off) or dual way signal
- Add buzzer/light when counter starts or reaches an X amount of minutes
- When starting the device, select the timer manually with buttons (e.g. 5 minutes / 10 minutes / 15 minutes)



## Touch device (PC or Monitor) mounted in a moving vehicle

### w/o ignition controller:

- When starting the moving vehicle (e.g. car), the power spikes might cause the device to turn on and off several times (while connected to the engine), which might damage the device.

### With ignition controller (possibilities):

- As soon as the moving vehicle (e.g. car) tries to start, the power of the touch device switches immediately to the battery, which counters the power spikes caused by starting up the moving vehicle.
- After an X amount of minutes the device will switch from the battery to the car engine as usual.



## Corporate Headquarters

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