



# Arduino IoT Based Energy Meter



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## Summary

Monitor your energy consumption using a MKR WiFi 1010, a MKR 485 Shield and a Modbus compatible energy meter.

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Tags: [arduino](#) [iot](#) [dinrail](#) [mkr](#) [openenergymonitor](#)  
[energymeter](#)

An enclosure for an Arduino [MKR WiFi 1010](#) + [MKR 485](#) shield, that fits a DIN rail. Used for reading an energy monitor using the Modbus protocol, and streaming the data to the Arduino IoT cloud.

This DIN mount also works perfectly for other setups involving a MKR family form factor.

To build the whole project, you can visit the [Arduino IoT Based Energy Meter](#) tutorial, and follow the instructions.

## This remix is based on



## DIN Rail Cable Clamp

by mdkendall

## Model files

**energy-meter-clamp-part.stl**

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**energy-meter-lid.stl**

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