

# PiLoT RS-485 Module

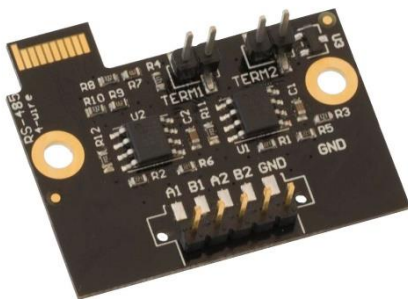
## Features / Technical Specifications

- RS-485 Extension Module for the PiLoT Mainboard
- Possible configurations: Full duplex (RS-485 4-wire) or 2 port half-duplex
- Up to 128 transceivers
- ESD protected
- Speed: 9600, 19200, 38400, 57600, 115200 baud
- Size: 36.6mm x 29.8mm (1.441in x 1.173in)

## Applications

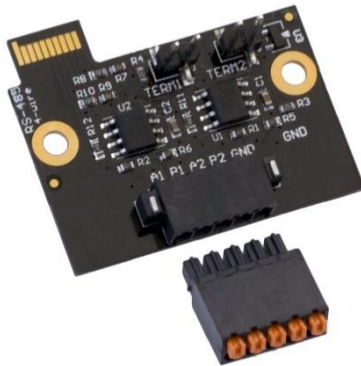
- Building Automation
- Industrial Control Systems
- Stage Lighting and Effects (DMX512)
- solar inverters
- other RS-485 enabled equipment

## RS-485 module with header connector (485H001)

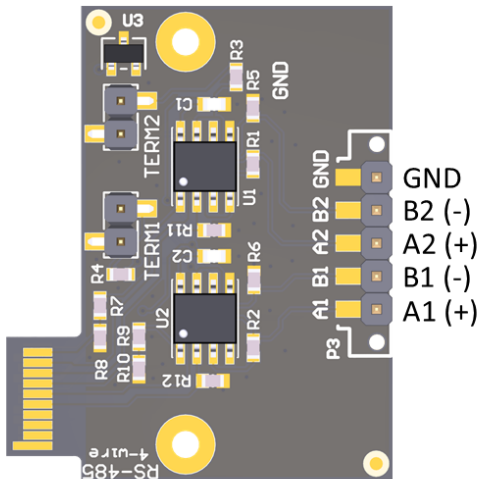




## RS-485 module with pluggable spring-cage connector (485P001)



### Pinout



#### TERM1

Termination Resistor Jumper for A1/B1

#### TERM2

Termination Resistor Jumper for A2/B2

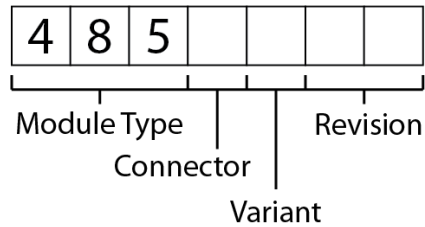
### Tutorials

We have a list of tutorials for many different applications online, including remote-control through a web-interface and SMS notifications.

Please visit [www.amescon.com/tutorials](http://www.amescon.com/tutorials) and get started!



## Product Reference Guide (SKUs)



### Connector

H	Header
D	D-Sub 9
P	Phoenix Contact Connector
N	No Connector

### Variant

0	Standard Variant
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### Revision

01	First Revision (PCB rev 1)
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### Available PCB Variants

Connector	Variant	Revision	Documentation
H	0	01	10 Pin Header
D	0	01	D-Sub 9
P	0	01	Phoenix Contact Connector
N	0	01	No connector mounted



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