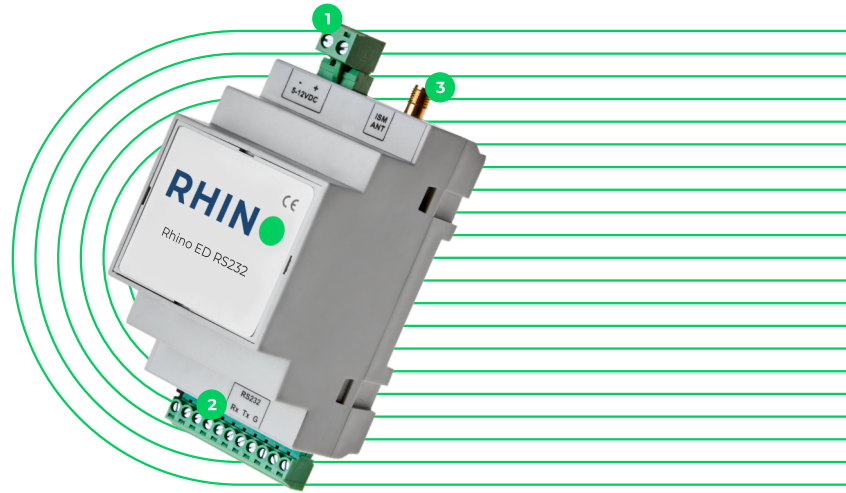


## PRODUCT CARD

# Rhino ED RS232

Expansion module. Reads data from devices that support protocols such as IEC62056-21. Data transfer wireless via RF to the Rhino AP. Maximum transmission rate is 115200 b/s. Powered by external 5-12VDC power supply.



## DEVICE OVERVIEW

- 1 Power socket
- 2 RS232 connection
- 3 SMA ISM antenna connector

## TECHNICAL PARAMETERS

<b>Rhino communication</b>	Frequency range: 433MHz, ISM 2 channel
<b>Power supply</b>	5-12VDC (0.5A)
<b>Supported communication protocol</b>	IEC62056-21
<b>Configuration</b>	Over the Air (OTA)
<b>Operating temperature range</b>	0 °C - 85 °C (depending upon installed environment)
<b>IP Class</b>	IP40 (not suitable for outdoor use)
<b>Dimensions</b>	52.5 mm x 90 mm x 65 mm (3 DIN modules)
<b>Weight</b>	~0.1 kg
<b>Additional equipment</b>	1 x ISM antenna with 3m cable and magnetic base
<b>Required cable types</b>	Signals thickness - 0.129-1.31 MM <sup>2</sup> - 26-16AWG Power supply thickens - 0.205-3.31 MM <sup>2</sup> - 24-12AWG

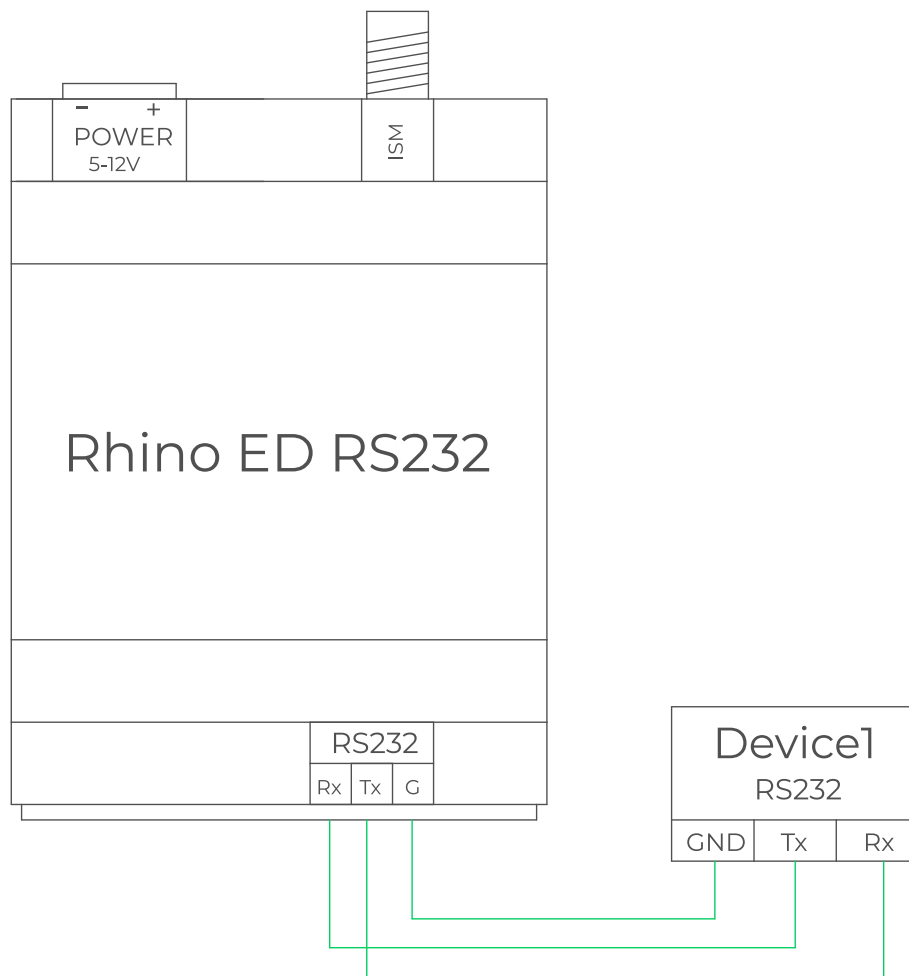
Got questions?  
Contact us!

Rhino  
Hogehilweg 19  
1101CB Amsterdam, NL

+31 20 217 02 09  
sales@rhino.energy  
www.rhino.energy

# Rhino ED RS232

## Connection Diagram



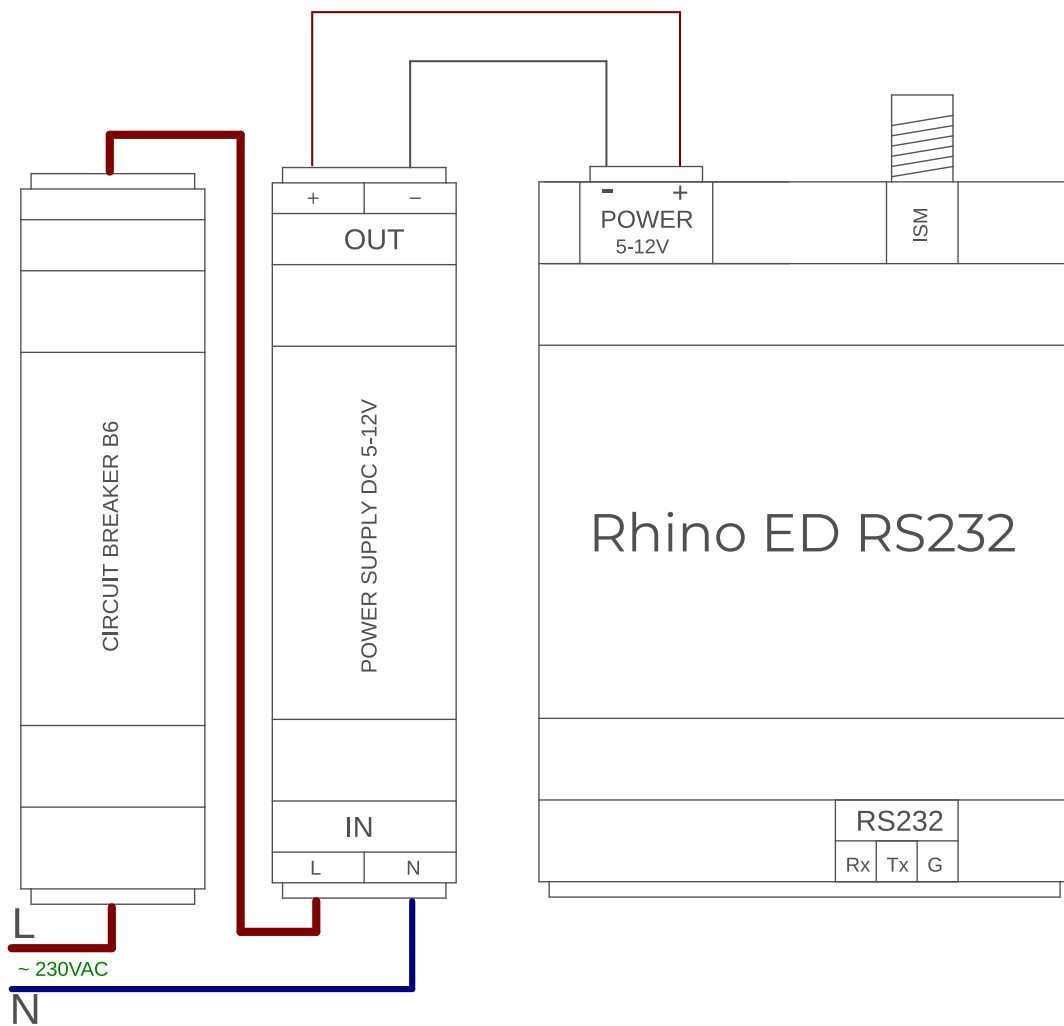
Got questions?  
Contact us!

Rhino  
Hogehilweg 19  
1101CB Amsterdam, NL

+31 20 217 02 09  
sales@rhino.energy  
[www.rhino.energy](http://www.rhino.energy)

# Rhino ED RS232

## Power Supply Diagram



Got questions?  
Contact us!

Rhino  
Hogehilweg 19  
1101CB Amsterdam, NL

+31 20 217 02 09  
sales@rhino.energy  
www.rhino.energy

# Rhino System Topology

- Up to 50 devices connected on every RF channel
- Clear line of sight RF range max. 300 m
- RF range data only applicable per building level

# RHINO

- External inputs
- Rhino Ecosystem

