

Enapter ENP-RS232 Datasheet



RS-232 Extension Module

The RS-232 Extension Module is used to read data from devices such as inverters, ventilation systems, valves, irradiance sensors, power meters and others. The RS-232 Extension Module sends the collected data to the Enapter Gateway and Cloud via secure wireless connection.

Connected device

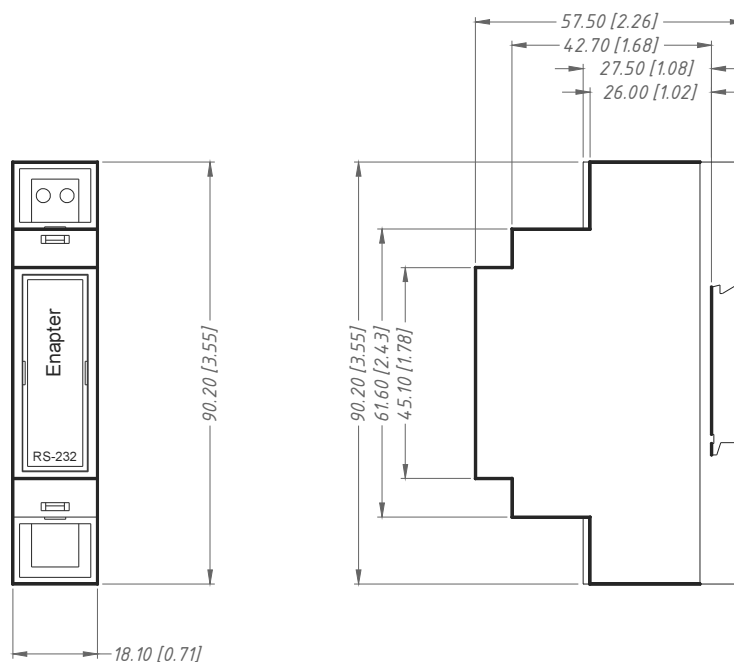
Type	Inverter Ventilation system Valve Irradiance sensor Power meter and others
Voltage supply	9...60 V DC when module and device powered from shared power supply
Connection	RJ-10/4P4C

Pinouts

ENP-RS232		Connected device
Pin number	Signal Type	
Pin 1	Rx	Tx
Pin 2	Tx	Rx
Pin 3	GND	GND
Pin 4	GND	GND

Dimensions

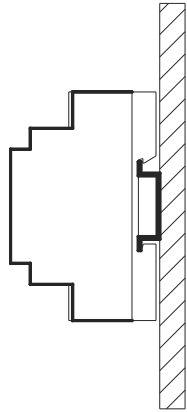
The dimensions are in mm and in brackets in inch.



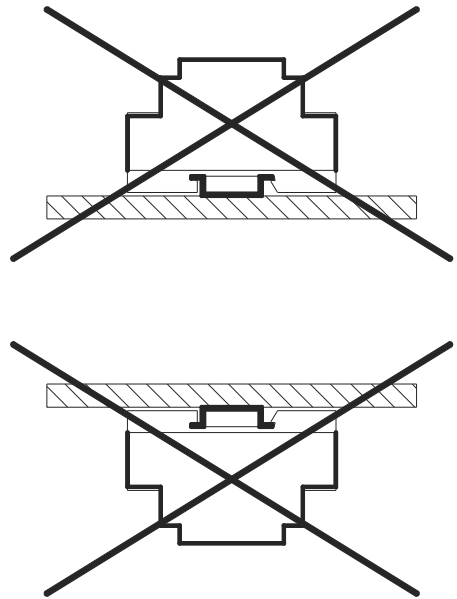
Mounting

ENP-RS232 Module must be horizontally mounted on 35 mm DIN rail according to IEC 60715.

Correct Mounting Position



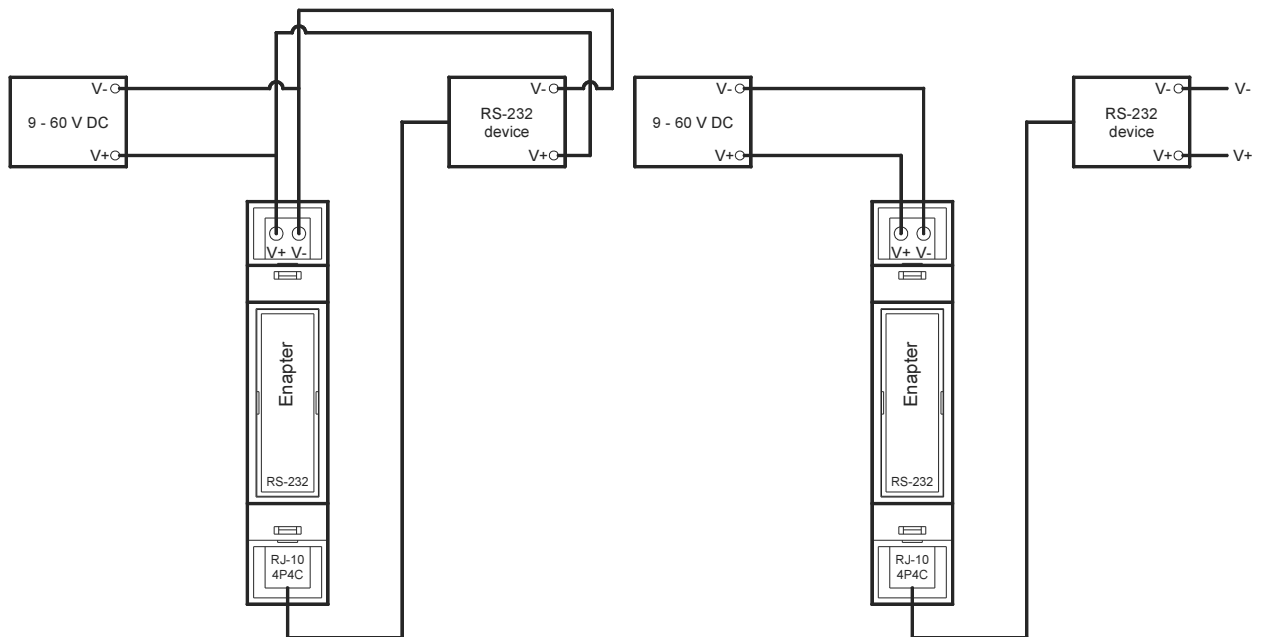
Incorrect Mounting Position



Connection Examples

Module and device powered from shared power supply.

Module and device powered from independent power supplies.



Note: 1 Amp Circuit Breaker recommended to use on power line for the ENP-RS232 Extension Module.

Standards

Wi-Fi protocols – 802.11 b/g/n/e/i (802.11n up to 150 Mbit/s).

Bluetooth protocols – Bluetooth v4.2 BR/EDR and BLE specification.



Alternating current voltage of 220V / 110V is potentially lethal!



All works on assembly and installation should be performed only with a disconnected power supply!



The installation and assembly of electrical equipment must be carried out by electrically qualified persons.