

Enapter ENP-RS232-VED Module Datasheet



RS-232-VED Module

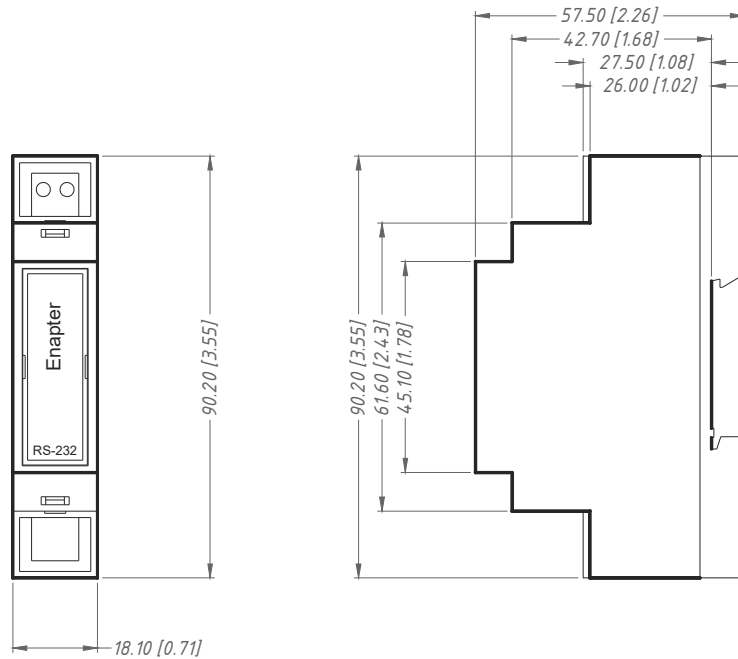
The RS-232-VED Module monitor and manage Victron Energy Inverters with RS-232 port and VE.Direct Protocol. It sends the collected data to the Enapter Gateway and Cloud via secure wireless connection. The RS-232-VED Module is based on Enapter RS-232 Module.

To connect the ENP-RS232-VED Module to Victron Energy Inverters you need the Victron Energy VE.Direct to RS232 Cable.

The connection cable to the Victron Energy VE.Direct to RS232 Cable is required additional 5 V DC power supply.

Dimensions

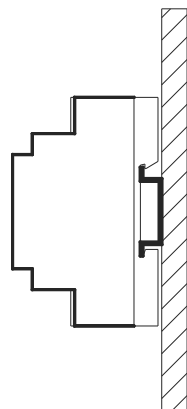
The dimensions are in mm and in brackets in inch.



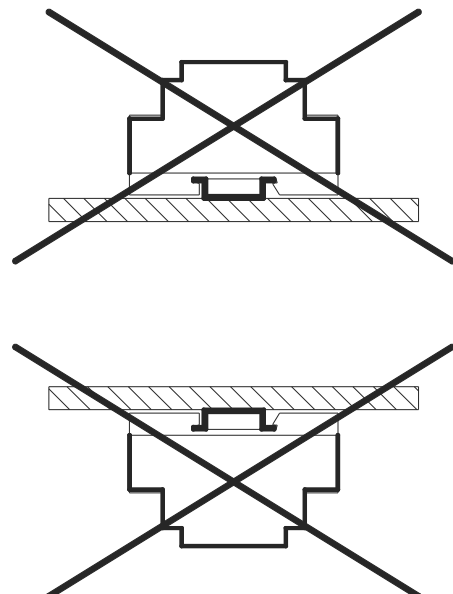
Mounting

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

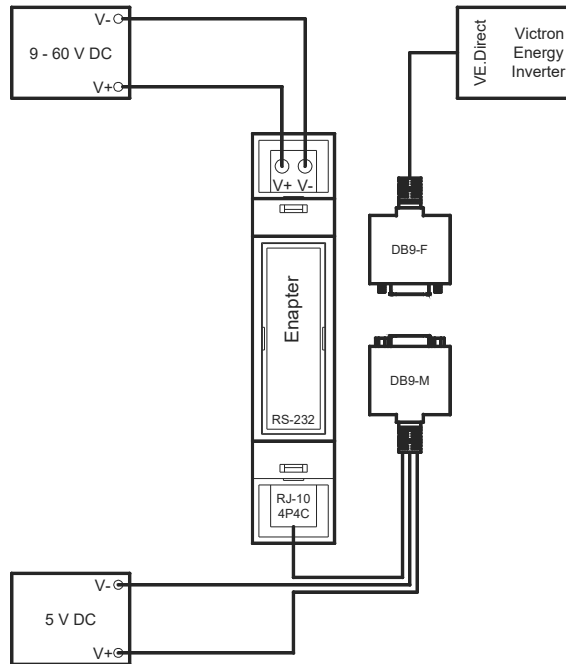
Correct Mounting Position



Incorrect Mounting Position



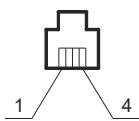
Connection Example



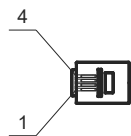
Note: 1 Amp Circuit Breaker recommended to use on power line for the ENP-RS232-VED Module.

Connection Cable Pinout

ENP-RS232-MPP
RJ-10/4P4C PORT

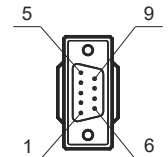
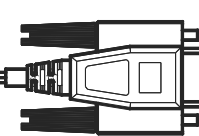


RJ-10/4P4C
CONNECTOR



5 V+ (red wire)
5 V- (black wire)

DB9-M
CONNECTOR



ENP-RS232-VED RJ-10/4P4C PORT PIN	RJ-10/4P4C PIN/SIGNAL		DB9-M PIN/SIGNAL	
4	1	GND	5	GND/5 V-
3	2	GND		
			4	5 V+
2	3	TXD	3	TXD
1	4	RXD	2	RXD

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.

Warnings



Alternating current voltage of 110 – 220 V 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.

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