

# Enapter ENP-AI4-50V Module Datasheet



## Analog Input Module

The Analog Input Module is used to receive data from analog devices with a  $-50\dots+50$  V signal, RS-485 interface and Wireless connection is used for communication with the module. For example: a valve, a sensor and others. The Analog Input Module sends the collected data to the Enapter Gateway and Cloud via secure wireless connection.

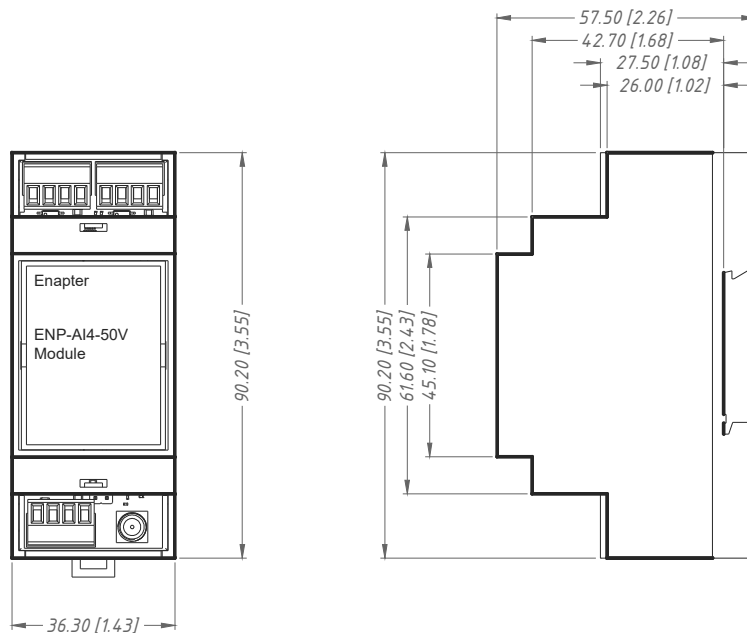


### Connected device

Type	Valve Sensor And others
Connection	Screw terminal block
Signal	-50...+50 V
Signal resolution	16 bit
Galvanic isolation	Group, from controller circuits

### Dimensions

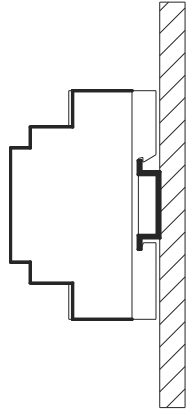
The dimensions are in mm and in brackets in inch.



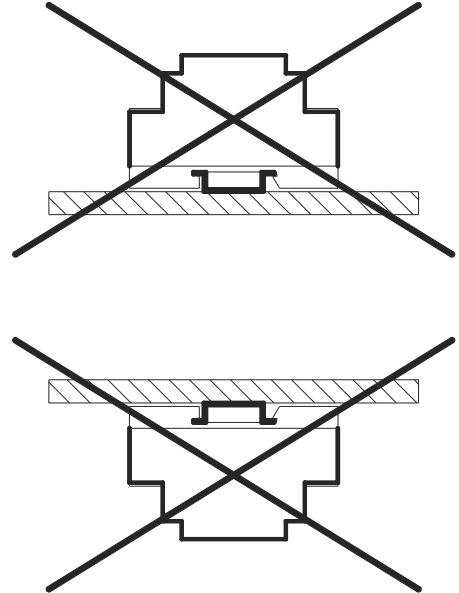
## Mounting

The ENP-AI4-50V Module must be horizontally mounted on 35 mm DIN rail according to IEC 60715.

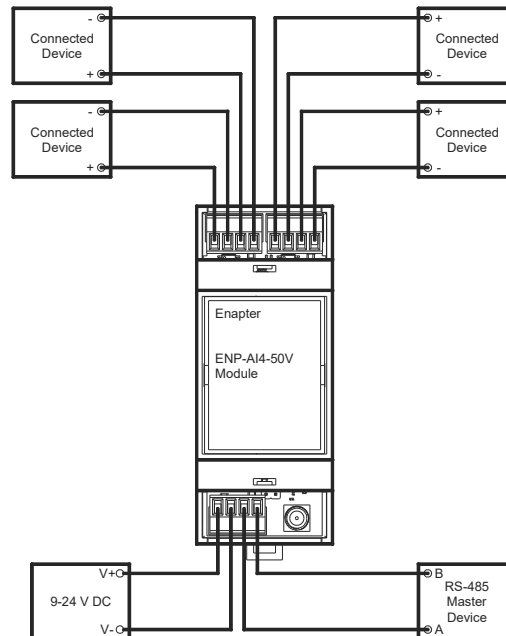
### Correct Mounting Position



### Incorrect Mounting Position



## Connection Examples



Note: 1 Amp Circuit Breaker recommended to use on power line for the ENP-AI4-50V 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 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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