



IO EXPANSION MODULE for use with the Energy Manager

IO-COM-EM8 FEATURES

- Connect up to 8 x pulsed, 0-10V or 4-20mA meters to the Energy Manager solutions
- 8 flexible universal inputs
- Simple setup via PC configuration tool

IO-COM-EM8 is designed to fit into the Energy Manager enclosure allowing pulsed, analogue 0-10V or 4-20mA meters to be connected.

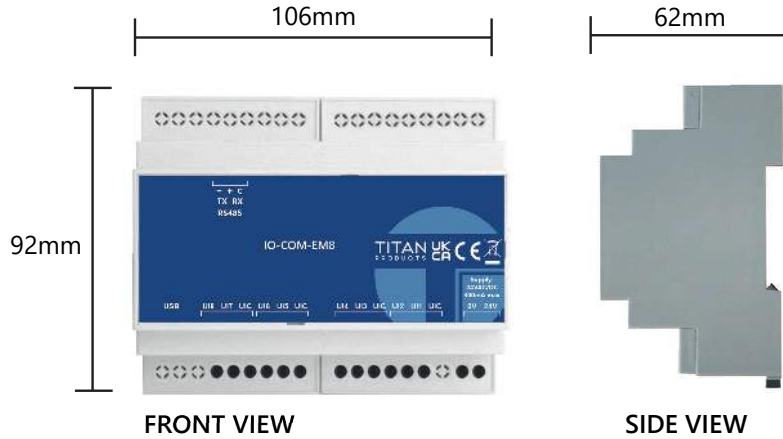
Providing 8 universal inputs, the units provide IO expansion allowing multiple meters to be connected.

Setup is easy with the PC configuration tool.

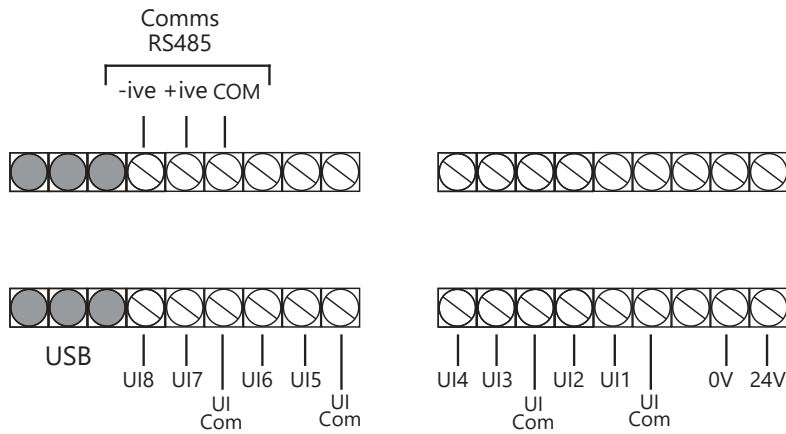
SPECIFICATION

Power Supply:	24VAC/DC via PSU within Energy Manager
Power Consumption:	300mA max
Universal Inputs:	Active 0-20mA with external 100ohm resistor (150ohm Max), 0-10V (12 bit) Digital ON/OFF contact, Pulse Count
Accuracy / Resolution:	Analogue: +/-0.1V Digital Pulse: 25ms pulse width min (up to 65535 counts, loop back to 0 on overflow)
Communications to Energy Manager:	BACnet MS/TP (RS485) Modbus RTU
Indication:	Tx/Rx communications
Operating temperature:	0-50 °C
Operating humidity:	5-80% RH non-condensing
IP rating:	IP20
Mounting:	Din Rail
Terminals:	1.0mm recommended
Country of origin:	UK
Product code:	IO-COM-EM8

DIMENSIONS



CONNECTIONS

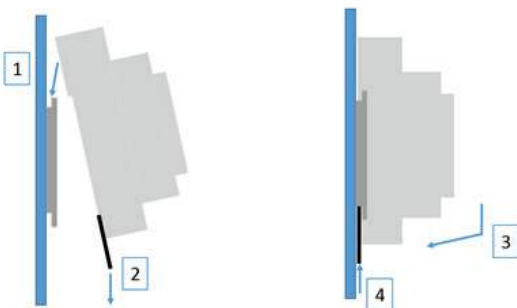


MOUNTING

The IO-COM-EM8 has a moulded DIN rail slot and locking clip for direct mounting onto the DIN top hat rail provided within the Energy Manager enclosure.

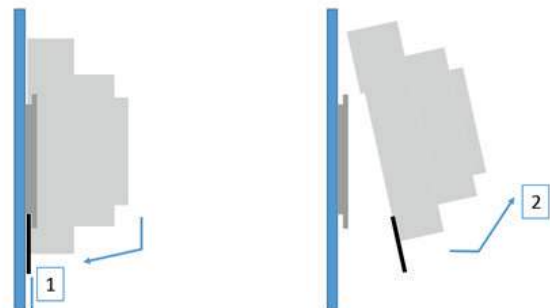
DIN Rail Mounting:

Fixing to the DIN Rail



1. Fix top clips over DIN rail.
2. Pull down bottom clip using screwdriver.
3. Close controller towards DIN rail.
4. Push up bottom clip to fix securely to DIN rail.

Removing from the DIN Rail



1. Pull down bottom clip with screwdriver.
2. Lift controller away from DIN rail.

For further install and setup information please contact technical@titanproducts.com