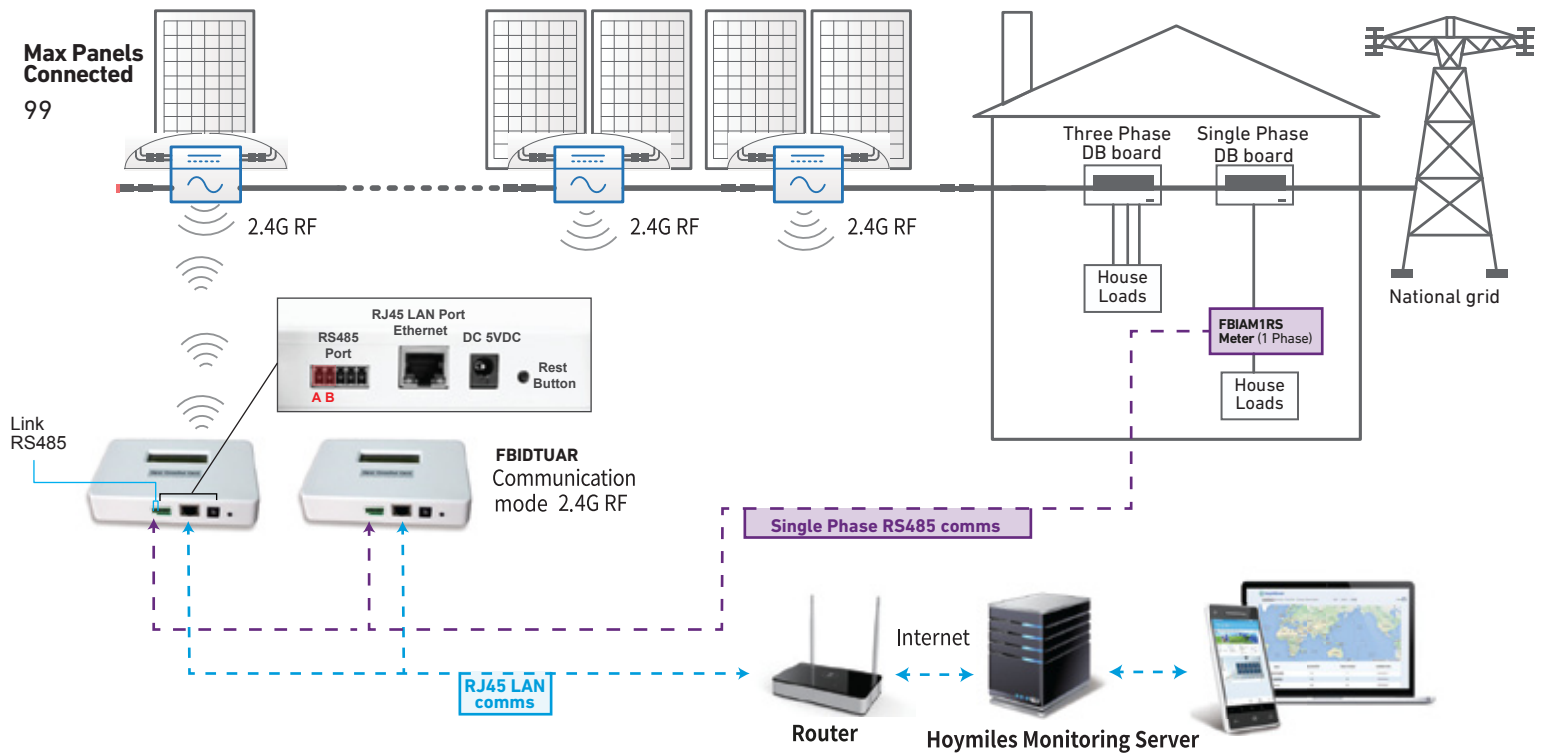


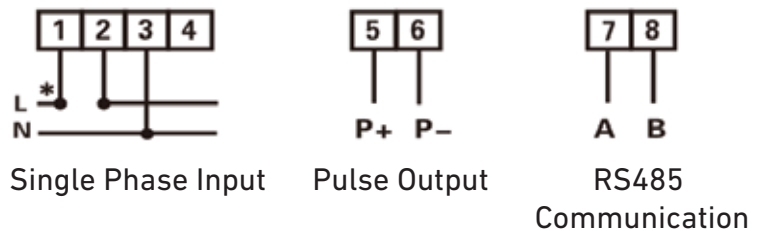
Smart Monitoring



Single Phase Consumption Meter - FBIAM1RS:

The Single Phase Consumption Meter communicates RS485 from the DB board to Data Transfer Unit (DTU). The unit is mainly used for measuring and displaying important current, power, frequency, power factors and other parameters in an electrical circuit. It reads the data network of external devices by RS485 communication channels. It's widely used for energy monitoring and assessment in industrial (hotels, schools and large public buildings) applications.

FBIAM1RS - Meter (1 Phase)



Additional Information

- Uses standard DIN35mm rail mountable structure.
- Modular design.
- Small & compact for easy installation.
- RS485 communication interface.

Specification table

Model	FBIAM1RS
Environmental Conditions	
Rated Temperature:	-25°C ~+55°C
Limit Temperature:	-40°C ~+70°C
Relative Humidity (Average Annual):	≤75%
Atmosphere:	86kPa ~ 106kPa
Electrical Parameters	
Voltage Line Power Consumption	≤2W/10VA
Current Line Power Consumption	≤2.5VA
Other Technical Parameters	
Range of Measurement	0~999999.99 kWh (Only show 6 bits, decimal shift automatically)
Display Mode	LCD
Communication Protocol	DL/T 645-2007 (default) Modbus-RTU
Accuracy Grade	Active Power 1
Frequency	50Hz/60Hz
Reference Voltage	230V
Current Rating	5(60)A
Constant	800imp/kWh
Type	Direct Access Meter

Product Dimensions

External Dimension: 36mm x 89mm x 74mm

Installation Dimension: 35mm

