

Multi-Circuits Metering Instrument for Tower Base Station

AMC16-DETT



- Monitoring communication equipment such as General & Mobile & Unicom & Telecom & Broadcasting and Television
- DC-48V Power Supply
- Support 6 DC loop access
- Provide ±12V output to power the Hall sensor

Technical Parameters

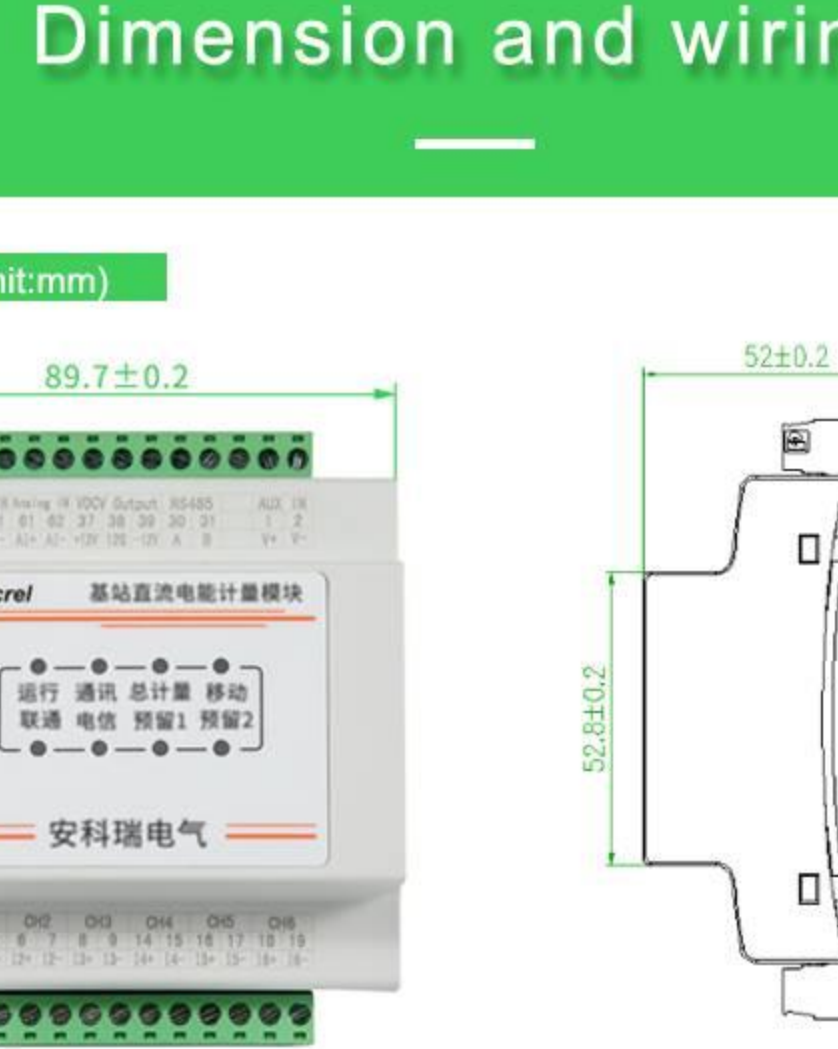


Rated voltage/current	default six-way Hall element, total measurement 200A/5V
Accuracy range	1% \leq 10%ln error \pm 2.5%; 1 > 10%ln error \pm 2%
Hall power supply	+12V/100mV, -12V/50mA
Voltage range	-40V ~ -60VDC
Communication	RS485 interface (protocol YD/T1363.3-2014)
Installation	35mm rail installation
Product Dimension	89.7*87.8*52mm

Products Show



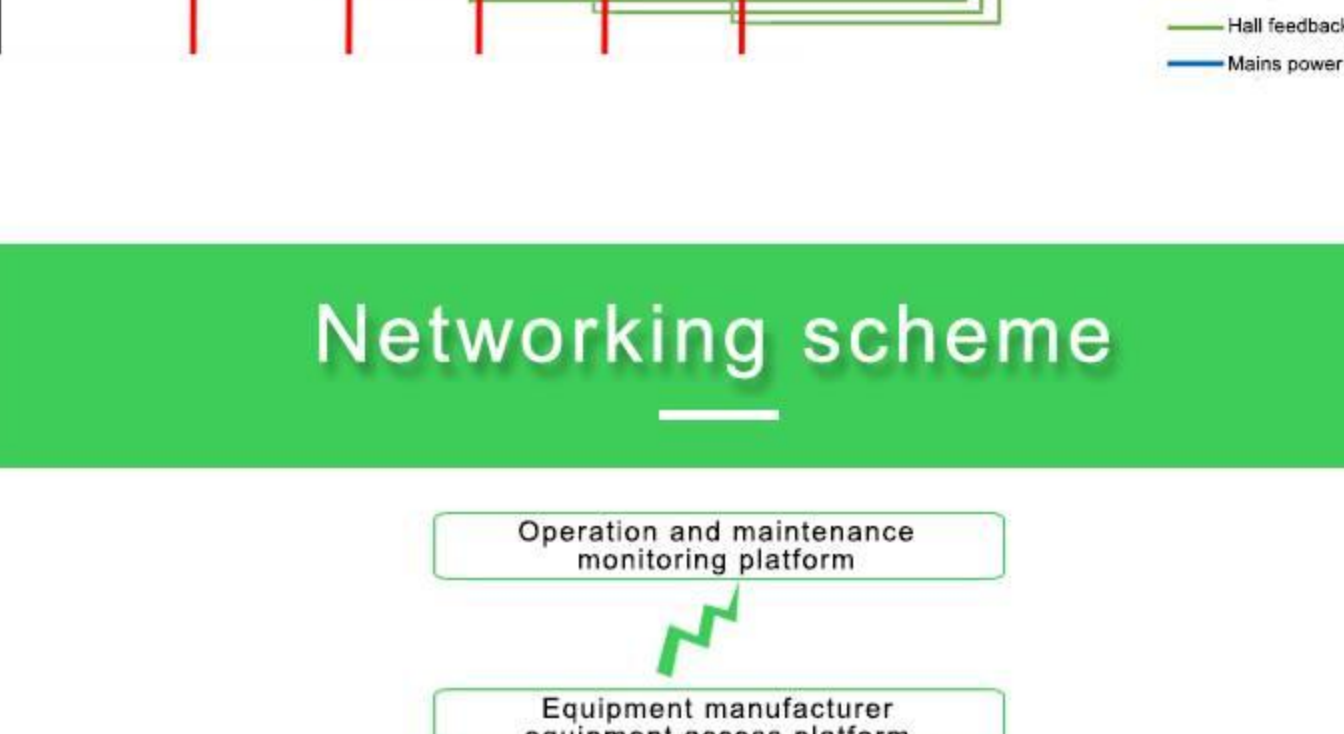
35mm Din Rail Installation



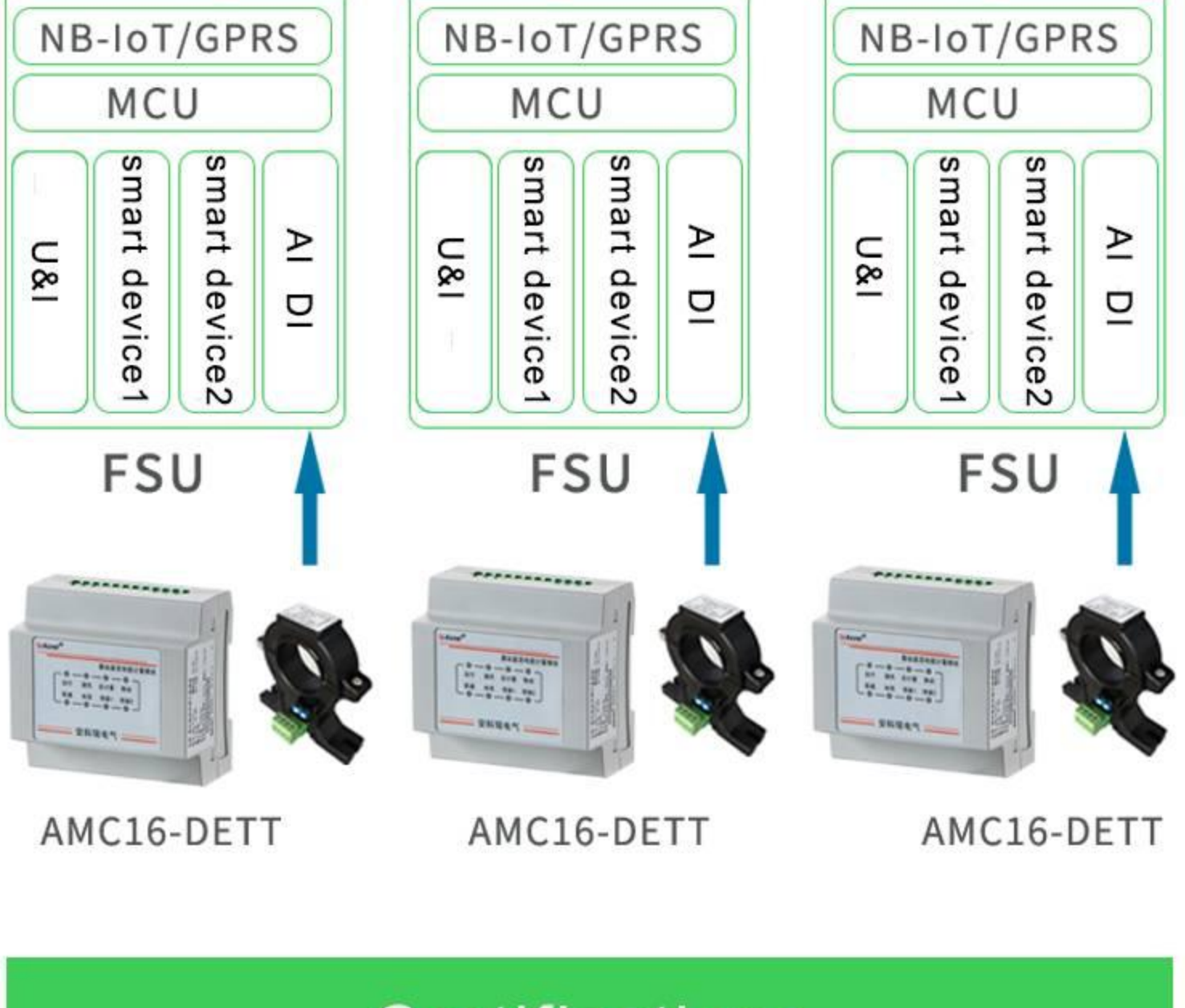
With display

Dimension and wiring

Dimensions (Unit:mm)



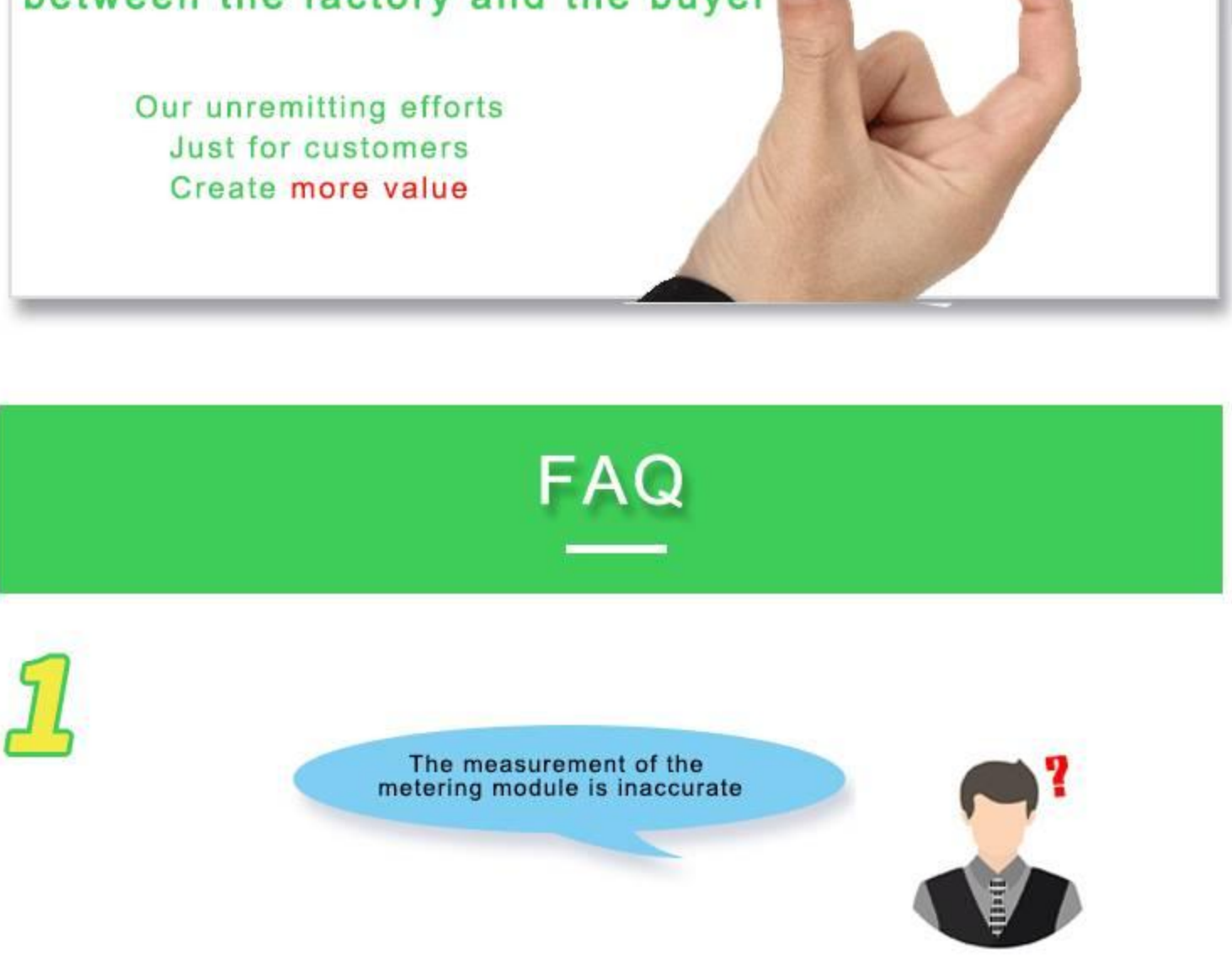
Wiring diagram



Networking scheme



Certifications



Production Base/Quality Assurance

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FAQ

- The measurement of the metering module is inaccurate

Check input whether the polarity and direction of the input voltage and current wiring are correct; Whether the direction of the primary current of the Hall sensor is correct; Whether the output signal of the Hall sensor matches the input signal required by the module; Check whether the output negative pole of the voltage output Hall sensor is connected to the module GND
- Communication is abnormal

Check communication whether the communication cable is normal; check whether the communication terminals A and B are staggered; check whether the address of the module is set correctly and whether the communication baud rate is set correctly; if the communication of multiple modules is not normal, first try whether the single-machine communication is normal
- The metering module cannot be displayed normally

Check whether it is caused by insufficient load capacity due to the built-in power supply to the Hall sensor. Change the external switching power supply to power the Hall

About Acrel



Jiangsu Acrel Electrical Manufacturing Co., Ltd., a production base located in Jiangning City, Wuxi, is a pilot enterprise of Jiangsu Province, which integrates informatization and industrialization. It has a well-functioned product test center, and can carry out environmental, electromagnetics compatibility, safety and reliability tests. The production process relies on advanced information management system and strict implementation of ISO 9001 management standards, which provides guarantee for industrialization and large-scale implementation of products. The annual production capacity of meters, power transformers and energy-saving cabinets is 2 million units, 1.5 million units and 10,000 sets.

Production Workshop

