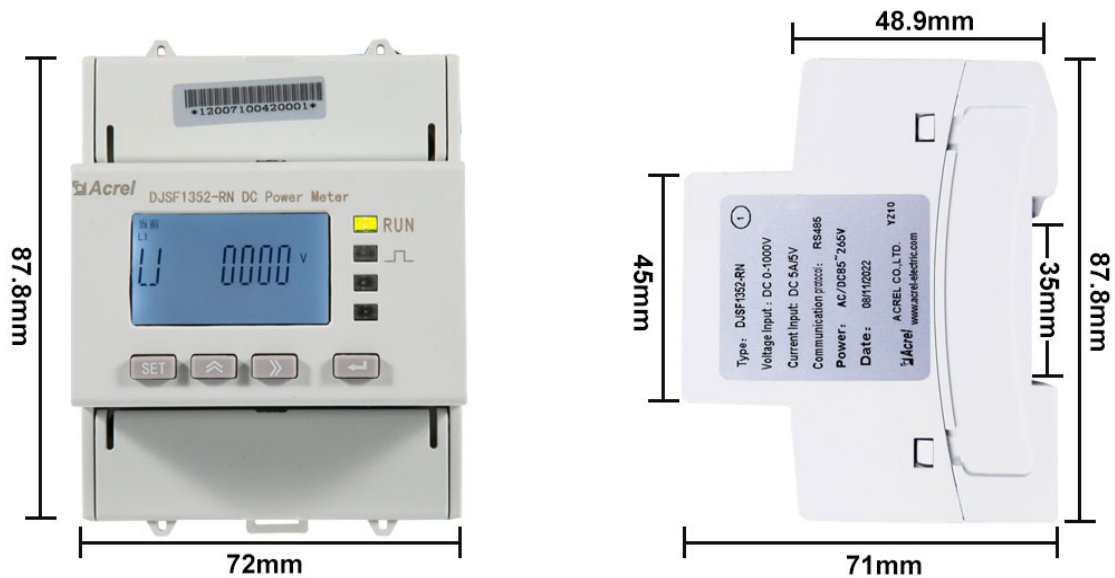


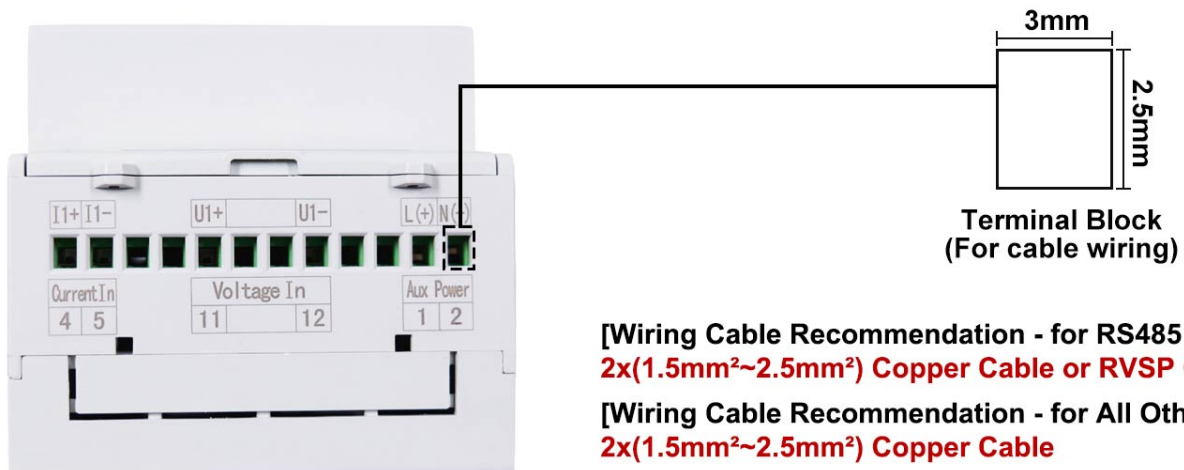
## 0. Installation Dimension

Dimension of necessary hardware including:

(1) DJSF1352-RN DC DIN-Rail Energy Meter (Main Body&Terminal Block/PIN)



(1) Dimension of Main Body of DJSF1352-RN



(1) Dimension of PIN/Terminal Block of DJSF1352-RN

## 1. Wiring Illustration

Only 3parts of wiring was necessary for wiring of DJSF1352-RN DC Energy Meter

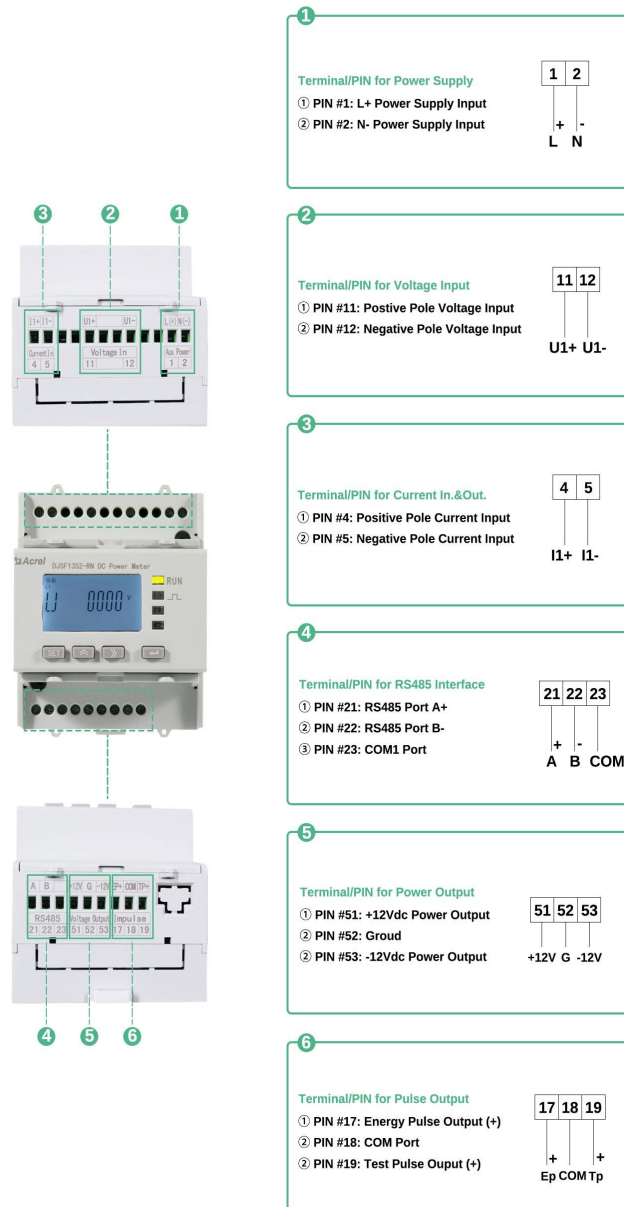
**(1) Current Signal Input Wiring:** PIN 4 and PIN 5 of DJSF1352-RN connect to PIN M and PIN G of paired Hall Sensor respectively.

**(2) Voltage Signal Input Wiring:** PIN U1+ connect to positive pole of monitoring DC circuit, PIN U1- connect to negative pole of monitoring DC circuit accordingly.

**(3) Auxiliary Power Supply Wiring:** Use PIN 1 and PIN 2 connect to suitable power source for the power supply of DJSF1352-RN. [Power Supply Voltage input range check on the label of DJSF1352-RN]

**(4) Extra Power Output to paired Hall Sensor:** DJSF1352-RN can use PIN 51, PIN 52, PIN 53 for supplying the extra  $\pm 12Vdc$  Power supply to paired Hall Sensor.

**Noted:** The installation direction of paired Hall Sensor must be according to the actual forward current direction.



PIN Overview of DJSF1352-RN

## 1. Wiring Illustration

Only 3parts of wiring was necessary for wiring of DJSF1352-RN DC Energy Meter

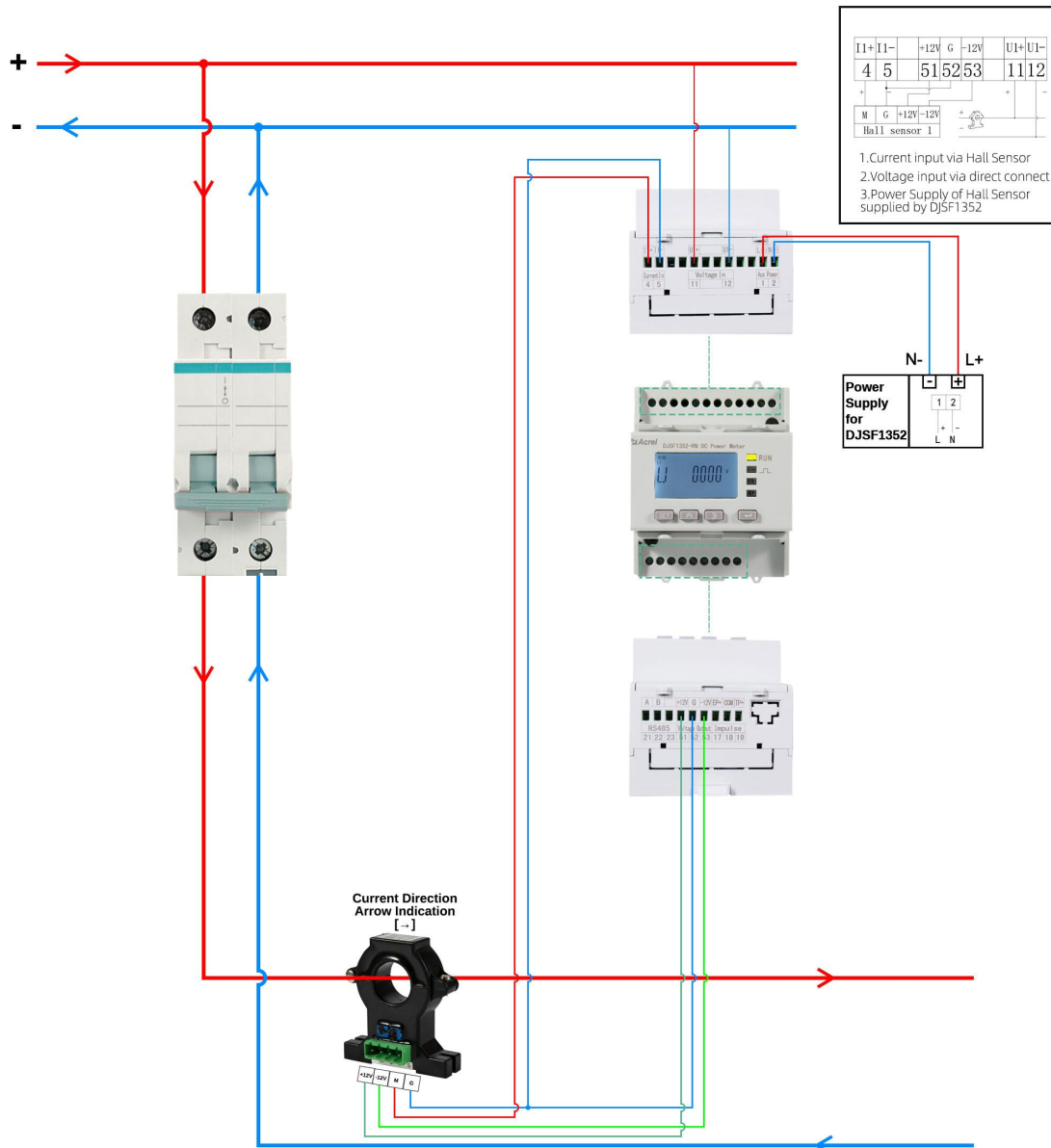
**(1) Current Signal Input Wiring:** PIN 4 and PIN 5 of DJSF1352-RN connect to PIN M and PIN G of paired Hall Sensor respectively.

**(2) Voltage Signal Input Wiring:** PIN U1+ connect to positive pole of monitoring DC circuit, PIN U1- connect to negative pole of monitoring DC circuit accordingly.

**(3) Auxiliary Power Supply Wiring:** Use PIN 1 and PIN 2 connect to suitable power source for the power supply of DJSF1352-RN. [Power Supply Voltage input range check on the label of DJSF1352-RN]

**(4) Extra Power Output to paired Hall Sensor:** DJSF1352-RN can use PIN 51, PIN 52, PIN 53 for supplying the extra  $\pm 12Vdc$  Power supply to paired Hall Sensor.

**Noted:** The installation direction of paired Hall Sensor must be according to the actual forward current direction.



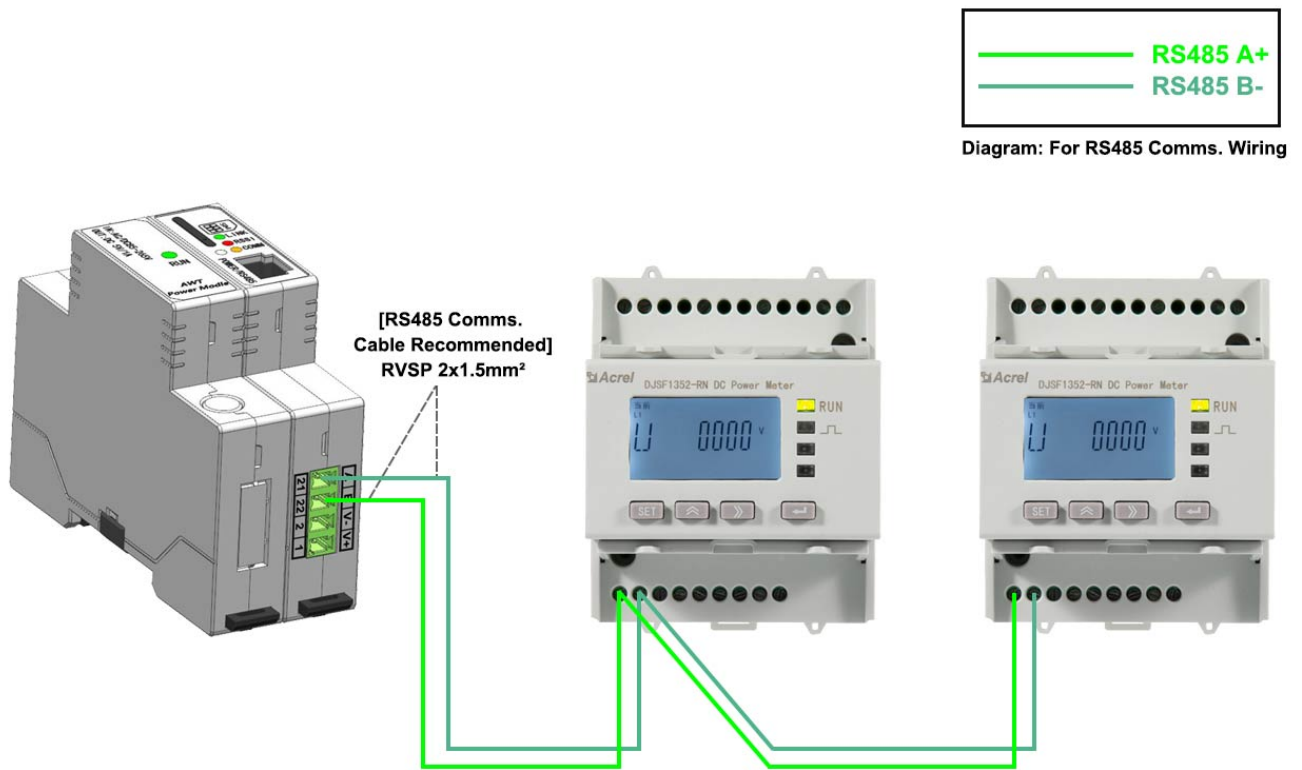
PIN Overview of DJSF1352-RN

### 1. Wiring Illustration

(5) RS485 Comms. wiring between DJSF1352-RN its upstream device [take AWT100 IoT gateway for example]

PIN 21 of AWT100-4GHW connected to PIN 21 of first DJSF1352-RN to PIN 21 of second DJSF1352-RN and to PIN 21 of last DJSF1352-RN. [RS485 Port A+ to RS485 Port A+ to RS485 Port A+]

PIN 22 of AWT100-4GHW connected to PIN 22 of first DJSF1352-RN to PIN 22 of second DJSF1352-RN and to PIN 22 of last DJSF1352-RN. [RS485 Port B- to RS485 Port B- to RS485 Port B-]



RS485 Comms. Wiring between DJSF1352-RN&AWT100-4GHW