

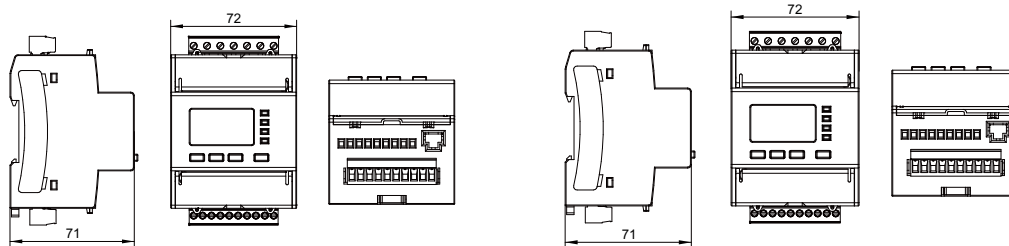
DEMR-DC11&DC12

Features

- Connect external Shunt/Hall transducer
- Measuring range DC 0~1000V
- Accuracy of measuring Class 1/Class B
- Modbus RTU (RS485)


Specification

| | | |
|--------------|---|--|
| | Voltage input | DC 0-1000V ; Refer to wiring diagram |
| | Current input | Shunt : 0-75mV ; Hall sensor : 0-5V , 100mA |
| | Accuracy class | Class 1 |
| Function | Display | 8-digit segment code LCD |
| | Communication Interface | RS485 (Optional dual channels) |
| | Communication protocol | Modbus-RTU , DL/T 645-2007 , DLT698 Protocol |
| | Pulse output | A energy pulse output See the SYS->PLUS display in the meter menu settings. For example: The meter displays 100, which is 100imp/kWH |
| Power Supply | Voltage range/Power consumption | AC/DC 85-265V/≤ 3W |
| | Power frequency withstand voltage | Power supply // Signal input // Other circuits 3.5kV/1min Isolated circuits except for power and signal input 2KV/1m |
| | Impulse withstand voltage | ±6.5KV |
| | Insulation resistance | ≥40M Ω |
| | Average barrier-free working hours | ≥50000h |
| Environment | Operating temperature / Storage temperature | Normal operating temperature : -25°C ~ +65°C ; Extreme operating temperature : -40°C ~ +70°C ; Storage temperature : -40°C ~ +80°C |
| | Relative humidity | ≤93%RH, no condensation, no corrosive gas |
| | Altitude | ≤2500m |

Dimensional Drawing


DEMR-DC11

DEMR-DC12