HOLLEY®
Electricity Meters and AMR System

DDSD285
Single Phase Smart Meter

DDSD285 is a new generation of multi-functional meter for thailand marketing. The meter can realize the function of automatic reading. This meter complies with IEC 62053-21, IEC 62053-23 and TISI 2543-2555 (Thailand Standard). With low power consumption, it is suitable for the users in electric utility, residential building, university, apartment project, etc.

FEATURES

- Low power consumption.
- Support optical and RS485 communication with DLMS Protocol.
- Multi-tariff, Up to 4 tariff per day.

MEASUREMENTS

- Measurement of active, reactive, and apparent in at least 4 tariff.
- Four-quadrant metering for export and import energy.
- Record the instantaneous (Voltage, Current, Power Factor, etc).
- Network status (Current reverse).

DISPLAY

- Support 2 display mode.
  - Scrolling display
  - Button display
- The display items can be defined.

LOAD PROFILE

- 2 Chanel of profile group.
- Up 20 items per profile group can be defined.
- Each channel contains 4,320 records (45 Days at 15 minutes of time interval).

ANTI-TAMPER & EVENT

- Meter cover open.
- Terminal cover open.
- Power off.
- Programming.
- Current reverse.
- Megnatic influence.
- low batterry

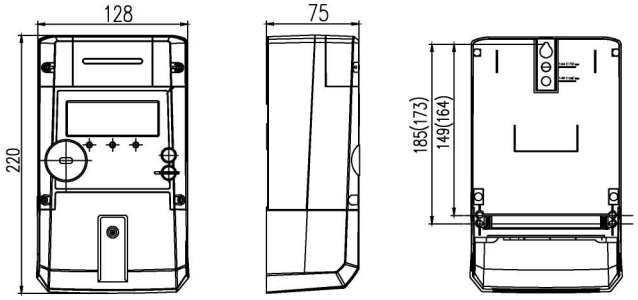
HIGHLIGHT

Waterproof | Multi Communication | Load profile | Multi-tariff | Four quadrant

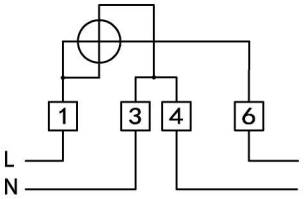
SPECIFICATION

No.	Item	Description
1	Connection	Direct
2	Connection wiring	1Phase 2Wire
3	Standard	IEC 62053-21 IEC 62053-23
4	Accuracy class	Active class 1 Reactive class 2
5	Rated voltage	220V, 230V
6	Rated current	5(45)A, 5(100)A, 30(100)A
7	Rated frequency	50, 60 Hz
8	Protection class	IP54 (Outdoor)
9	Power consumption	≤2W/5VA (Voltage circuit), ≤0.5VA (Current circuit)
10	AC voltage test	4kV, 1min
11	Impulse voltage test	6kV, 1mim
12	Operation temperature	-45°C ~ 75°C
13	Storage temperature	-55°C ~ 85°C
14	Clock accuracy	≤0.5s/Day
15	Battery capacity	Li 1200mAh/3.6V (Can be replaced)
16	Local communication	1 of Optical port, 1 of RS485 Port
17	Remote communication	GPRS modem, 3G modem, RF module, PLC module
18	TOU function	Up to 4 tariffs and max 100 holidays
19	Dimension (WxHxD)	215x125x78.8mm
20	Weight	1.8Kgs

DIMENSION & CONNECTION



Dimension (Unit:mm)



Connection

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