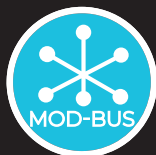


THORGEON

ENERGY METERS



ENERGY METER

01007

3 PHASE 80A MOD-BUS MID
2-TARIFF

- 230/400~ V
- PHASE
- 50
- 80
- DIN
- IP 54
- DISPLAY
- BATTERY
- SERIAL

ENERGY METER

3 PHASE 80A MOD-BUS MID
2-TARIFF

MODEL No: 01007

This meter is a three phase four wire with RS485 din rail electronic meter. This meter complies with the standards of EN50470-1/3. It can measure the consumption of active/reactive energy. This meter has many advantages, such as good reliability, small volume, light weight and easy installation. The meter is intended to be installed in a Mechanical Environment 'M1', with Shock and Vibrations of low significance, as per 2014/32/EU Directive. The meter is intended to be installed in Electromagnetic Environment 'E2', as per 2014/32/EU Directive.



TECHNICAL PARAMETERS

VOLTAGE:	3*230/400V
CURRENT:	0,25-5(30)A, 0,25-5(32)A, 0,25-5(40)A, 0,25-5(45)A, 0,25-5(50)A, 0,25-5(80)A
ACCURACY CLASS:	B
STANDARD:	EN50470-1/3
FREQUENCY:	50HZ
IMPULSE CONSTANT:	1000IMP/KWH, 1000IMP/KVARH
DISPLAY:	LCD 6+2
STARTING CURRENT:	0.004IB
TEMPERATURE RANGE:	-20°~70°C (NONCONDENSING)
AVERAGE HUMIDITY VALUE OF YEAR:	85%

FEATURES

MEASUREMENT FUNCTION

- It has three phase active/reactive energy and positive and negative measurement, four tariff(optional).
- It can be set 3 measurement modes according to the synthesis code.
- Maximum demand calculation.
- Holiday Tariff and Weekend Tariff Setting(optional).

COMMUNICATION

- It supports IR (near infrared) and RS485 communication (optional). IR complies with EN62056 (IEC1107) protocol, and RS485 communication use the MODBUS protocol.
- DTS353F-1: IR communication only
- DTS353F-2: IR communication, RS485 MODBUS
- DTS353F-3: IR communication, RS485 MODBUS, Multi-tariff

DISPLAY

- It can display the total energy, tariff energy, three phase voltage, three phase current, total/three phase power, total/three phase apparent power, total/three phase power factor, frequency, pulse output, communication address, and so on(details please see the display instruction).

PULSE OUTPUT

- Set 1000/100/10/1, total four pulse output modes by communication.

