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www.ytl-e.com

Data Sheet

DDS353G

50A Analogue Din Rail kWh Single Phase Meter 1 Mod

Different constants for your choice:

1. 2000imp/kWh
2. 1000 imp/kWh
3. 100imp/kWh

More options to meet different requirements from market !



Single Phase Multifunctional Meter

The DDS353G Series Digital Power Meter works directly connected to a maximum load 50A AC circuit

This meter will be applied the MID B&D Certified by SGS, proving both it's accuracy and quality. This certification allows this model to be used for any sub-billing application

MID

Zhejiang Yongtailong Electronic Co.Ltd.

DDS353G Analogue Single Phase Din Rail kWh Meter

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1. Specifications

Technical Parameters

Content	Parameters
Standard:	EN50470-1/3
Rated Voltage:	230V
Rated Current:	0,25-5(50)A
Impulse Constant:	1000imp/kWh (Default), 2000imp/kWh, 100imp/kWh
Frequency:	50HzHz
Accuracy Class:	B
Display:	Counter 5+1 = 99999.9kWh
Working Temperature:	-25~55°C
Power Consumption:	≤8VA ≤0.4Wh
Average Humidity:	≤75% (Non Condensing)
Maximum Humidity:	≤95%
Start Current:	0.004Ib
Case Protection	IP51 indoor

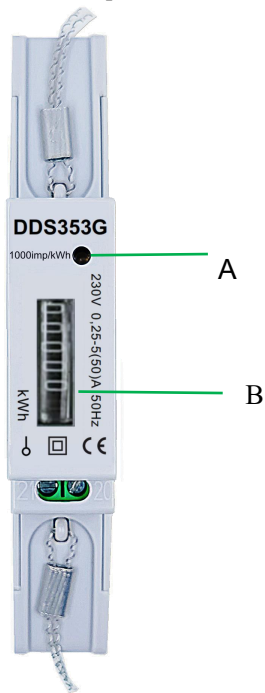
2.Meter Series Details

Type	DDS353G
Impulse Constant	1000imp/kWh (Default), 2000imp/kWh (optional) 100imp/kWh(optional)
Communication	N/A
SO output	YES
Backlight	N/A
Li-Battery	N/A
Multi-tariff	N/A
Measurement Mode	N/A
Button	N/A
Button function	N/A
Default setting	1000imp/kWh

3. Display

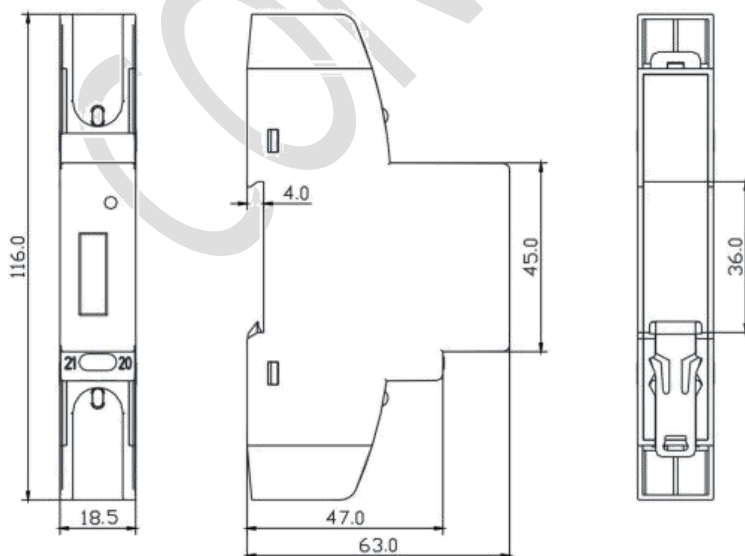
Counter Display

4. Description



DDS353G	
A	LED constant output
B	Analogue Display

5. Meter Dimensions

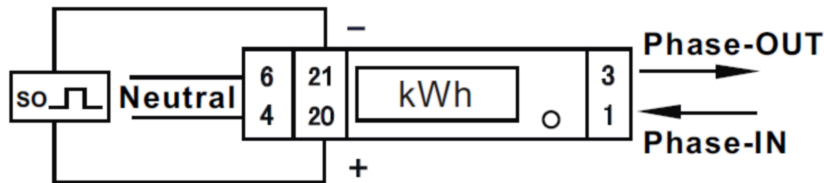


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6. Wiring Connection



Note: 20 and 21 are for impulse output, used for calibrating accuracy.
Impulse width=90ms

7. Safety Instructions

- Case is sealed, do not open the meter. No warranty if case is opened.
- The meter should be installed indoor or in the outdoor electric meter box.
- 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.

Information for Your Own Safety

This manual does not contain all of the safety measures for operation of this equipment (module, device) because special operating conditions, local code requirements or local regulations may necessitate further measures. However, it does contain information which must be adhered to for your own personal safety and to avoid damage to the equipment. This information is highlighted by a warning triangle with an exclamation mark or a lightning bolt depending on the severity of the warning.



Warning

Means that failure to observe the instruction can result in death, serious injury or considerable material damage.



Caution

Means hazard of electric shock and failure to take the necessary safety precautions will result in death, serious injury or considerable material damage.

Qualified personnel

Installation and operation of this equipment described in this manual may only be performed by qualified personal.

Only people that are authorized to install, connect and use this equipment and have the proper knowledge about labeling and grounding electrical equipment and circuits and can do so according to safety and regulatory standards are considered qualified personnel in the manual.

Use for the intend purpose

The equipment (device, module) may only be used for the application cases specified in the catalog and the user manual and only in connection with devices and components recommended and approved by YTL.

Exclusion of liability

We have checked the contents of this publication and every effort has been made to ensure that the descriptions are as accurate as possible. However, deviations from the description cannot be completely ruled out, so that no liability can be accepted for any errors or omissions in the information given. The data in this manual is checked regularly and the necessary corrections will be included in subsequent editions. If you have any suggestions, pls let us know.

Subject to technical modifications without notice.

Copyright

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trademarks.

General Warning

After removing the packaging make sure the integrity of the unit. If in doubt don't use the equipment and contact technical staff.

Mounting of electric appliances must be carried out only by skilled electricians. It is imperative to observe the generally applicable safety measures.

In case of failure and /or malfunctioning of the device, turn off it. For any repair only contact technical staff. Failure to comply with the above may compromise the device safety.

Warranty

The manufacturer will repair or exchange the products while the lead seal is still exited, within 18 months, when discovering the products not accordance with the technical specification.

Technical support

For any problems of our products please contact:

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