



DZG Metering GmbH

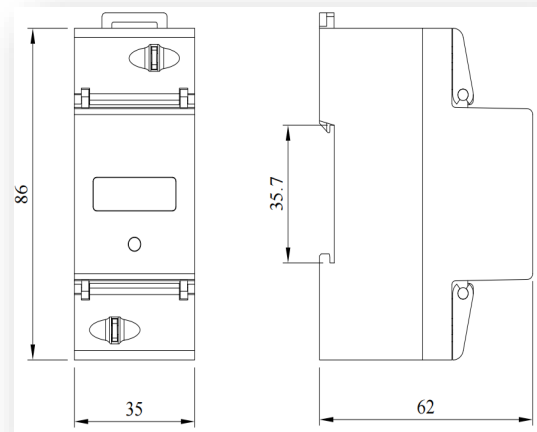
# WH401X

## Single Phase Two Wire DIN Rail Meter

### Main Features :

- Active Energy Measurement
- Single Energy Direction
- 2TE Wide
- Modbus Interface
- Suitable For AC E-mobility Charging Stations & Any Sub-billing Applications
- meet MID & IEC Standard

### Overall dimensions(mm)



**ONTOP**

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# Specification WH401X



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**Type** Single Phase Two Wire DIN Rail Meter

**Standards** EN 50470-1, EN 50470-3, IEC 62052-11, IEC 62053-21

## Voltage

Rated voltage  $U_n$  230V

Voltage range  $80\%U_n \sim 115\%U_n$

## Current

Minimum current  $I_{min}$  0.25A

Reference current  $I_b$  5A

Maximum current  $I_{max}$  65A

Starting current  $I_{st}$  0.4% $I_b$

**Rated Frequency  $F_n$**  50/60Hz

**Accuracy** Class B/1.0 for active

**Pulsating Indicator** LED

Pulsating (meter constant) 1000imp/kWh

## Environment

Temperature range Operation:  $-30 \sim 70^\circ\text{C}$

Storage:  $-40 \sim 85^\circ\text{C}$

**Protection Degree** IP 51 in protective enclosure

**Insulation Class** II

## Typical Power Consumption

Voltage circuit active/apparent power at  $U_n$   $< 2\text{W}/10\text{VA}$

Current circuit apparent power at  $I_b$   $< 4\text{VA}$

**LCD Display** 6 digits

**Communication Interface** RS485 with screw type, maximum upto 38400bps

**Weight Of Meter** About 0.1kg

**Dimension(LxWxD)** 86 x 35 x 62mm