

35mm DIN-Rail

Smaller size & easier installation

Delicate structure suitable for complex site environment



DDSU666 Single Phase DIN-Rail Meter



LCD Type

Function

- LCD Display
- Bi-Direction Measurement
- DIN-Rail Installation

Features



HIGH ACCURACY



LOW CONSUMPTION

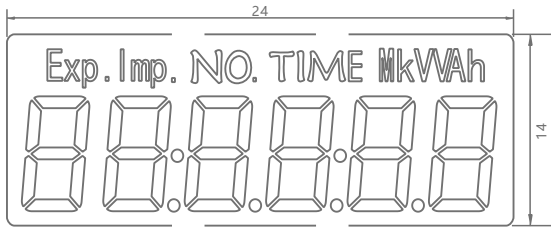


BI-DIRECTION MEASUREMENT



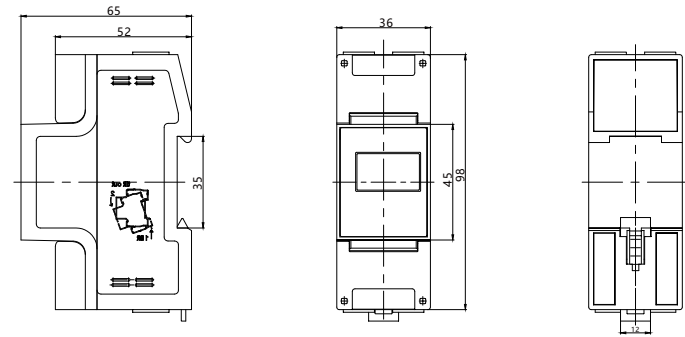
LARGE LCD DISPLAY

LCD Indication



Units: mm

Meter Dimensions



Units: mm

Specifications

Measurement

- Compliance with IEC62052-11 IEC62053-21
- Connection type: 1P2W
- Accuracy: Class 1.0 for active

Voltage

- Nominal voltage (U_n): 120V, 220V, 230V, 240V
- Operating range: $0.7U_n \sim 1.2U_n$
- Power consumption: $\leq 1W$, 5VA

Current

- CT: 1.5(6)A
- DC: 5(80)A

Frequency

- 50Hz or 60Hz

LCD Display

- 6 characters of 7 segment display
- Digital size: 5.3mm $\times$ 2.8mm

LED Display

- Number of flashes per kWh

Measured Values

- Total kWh
- Instantaneous kW
- Instantaneous Irms, Vrms, frequency, power factor

Communications

- RS485
- Protocol: Modbus and DL/T 645-2007

Environmental

- Operating range limit: $-40^{\circ}C$ to $+75^{\circ}C$
- Storage range limit: $-40^{\circ}C$ to $+85^{\circ}C$
- Relative humidity: $\leq 95\%RH$
- Ingress protection: IP51

Dimensions and Weight

- Dimensions: 98mm $\times$ 65mm $\times$ 36mm
- Weight: 0.2 kg (Approx.)

DTSU666 Three Phase DIN-Rail Meter



LCD Type

Function

- LCD Display
- Bi-Direction Measurement
- DIN-Rail Installation

Features

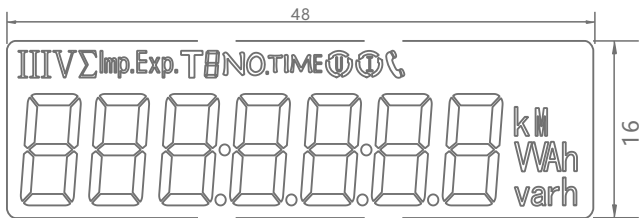
HIGH ACCURACY

LOW CONSUMPTION

BI-DIRECTION MEASUREMENT

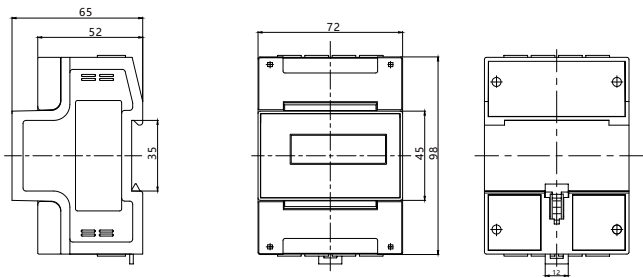
LARGE LCD DISPLAY

LCD Indication



Units: mm

Meter Dimensions



Units: mm

Specifications

Measurement

- Compliance with IEC62052-11 IEC62053-21
- Connection type: 3P4W
- Accuracy: Class 1.0 for active

Voltage

- Nominal voltage (Un): 3×220/380V , 3×230/400V
3×240/415V
- Operating range: 0.7Un ~ 1.2Un
- Power consumption: ≤1W, 5VA

Current

- CT: 1.5(6)A
- DC: 5(80)A

Frequency

- 50Hz or 60Hz

LCD Display

- 7 characters of 7 segment display
- Digital size: 5.3mm × 2.8mm

LED Display

- Number of flashes per kWh

Measured Values

- Total kWh
- Total kvarh
- Instantaneous kW, kvar
- Instantaneous Irms, Vrms, frequency, power factor

Communications

- RS485
- Protocol: Modbus and DL/T 645-2007

Environmental

- Operating range limit: -40°C to +75°C
- Storage range limit: -40°C to +85°C
- Relative humidity: ≤ 95%RH
- Ingress protection: IP51

Dimensions and Weight

- Dimensions: 98mm × 65mm × 72mm
- Weight: 0.4 kg (Approx.)



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