

Remote Limit / Disconnect Single-phase Meter RLD 1



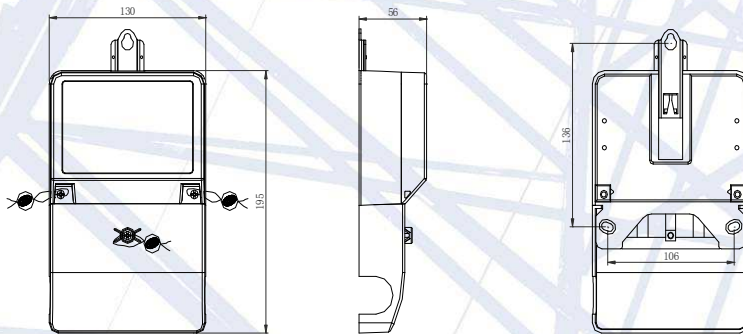
The RLD 1 single-phase two-wire multifunction meter with remote read, current limit & disconnect / reconnect functions. Full disconnect or soft disconnect (where a low current limit threshold is set), is possible. Once the threshold is crossed disconnect occurs and where the meter can be manually reset once the current falls below the threshold. The RLD 1 is a multifunctional tamper-proof electronic energy meter with impulse output, large LCD display, backlight, optical and IrDA Baud Rate communication, event detection and record. Its features include active energy and Maximum demand measurement, and instantaneous measurement of voltage, current and power.

Technical:

Type:	Single-phase two-wire, direct connection
Accuracy:	Class 1
Reference Voltage:	230 ± 10%V
Reference Frequency:	50Hz
Current I _B (I _{max}):	10 (80A)
Starting Current (I _B %):	<=0.004
Meter Constant:	1600 imp/kWh
Internal Tariff Source:	2 tariffs, (Option 8 tariffs)
Output:	LED pulse output
Communication Interface:	Optical port IrDA Baud Rate (Other Options available) (According to IEC62056-21/IEC61107 Mode C) Blue-tooth or Zigbee to HHU
Power Consumption:	
Voltage Circuit:	<=10VA
Current Circuit:	<=2VA

Environment:

Battery Life Time:	>=15 years
Internal Real Time Clock Accuracy:	<= 0.5 sec/day @ 23°C
Operating Temperature:	-20°C to 80°C
Storage Temperature:	-40°C to 85°C
Relative Humidity:	Up to 90%
Protection Rating:	IP 51 or IP54 versions available
Weight:	0.7KG
Dimensions:	195x130x56 mm



Version 1.1

Technical Specifications subject to change without prior notice

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