



Characteristic

Display Type

CPU Microprccessor

Watchdog

Memory Event time stamp Configuration

Data Reading Programmable Communication Interface Port 1

lation Baus Rate Address Data bits Parity Stop bits

Port 2 Lsolation Baud Rate Address Data bits Pority Stop bits

Power supply Voltage Consumption Mechanical characteristics Protection degree Terminals Size Weight

Environmental conditions Operating temp Storage temp Relative humidity

Insulation Test Voltage Input_Output/Housing : AC 4 k^v Output_ Housing : 500V

Electromagnetic Compatibility Surge Voltage Burst Electromagnetic Electrostatic discharge

	: 1 x LED Power on : 2 x LED Communication
	: 8 Bits speed 11 Mhz. Opto Lsolaled clrcuiity : Hardware
	: 131 K : 1 K EEPROM data : Data retained even power Failure 10 year : 1MB
	: stamp date-time with data
	 RS232 and RS 485 to Controller or PC Opto Isolated circuitry 9600, 19200 0-254 8 bits None Even & odd
	: RS 485 LG-ONE meter reading : Opto Isolated circuity. : 9600 19200 : 0-254 : 8 bits : None : Even & odd
	: 115/230V±10%, 50/60Hz : 5VA
	: IP54 (front panel) : IP20 (terminals) EN60529 : Screw type 2.5 mm. : 160 x 90 x 73 mm. : 550g.
	: -10°C to + 55°C : -25°C to + 75°C : 95% max. non-condensation
4 kV	: AC 4 kV

: 4 kV1.2/50 us (IEC 255-4) : 2 kV (DIN EN 61000-4-4) : 10 V/m (DIN EMV 50141) 15 kV (DIN EN61000-4-2)

: 500 V

LG-ONE

- DIN raill mounted, Easy installation
- Industrial design and Tropicalised
- Polycarbonate, self extinguishing.
- Rugged housing-non combustible ABS plastic-heat resistance.
- LED Display of power, Transmission Data and Receive data
- Built in supply, NO external adaptor.
- Auto speed and auto data direction

Feature

LG-ONE reading module provides an integral solution in connectivity and Protection of digigal data input signals from kwh meters. They have an Built-on field terminal block (FTB) for each input. So. The use of these Modules saves and space in complex cabinets.

Digital data input circuitry

The digital data input circuitry has an opto device protection. The Function isolated the connections and provided isolation each Port and plus a green led indicator of input output data active

Surge protection

Surge protection circuitry is built - in provided with three stop protection Technology. This technology is based on three stage lecel of Protection. The first stop is a fast qas discharger. Intended basically For lightning discharges. The second stage is a sensitive varistor type Discharger, esoecilly indicated for surge line protections. The lase Stage is a MOV type discharger. It provides protection against Undesirables voltage levels. The component values for each model Are provided according to the application to be implemented. The Surge protection modules on boards with soldered Terminals for easy replace and repairafter a sure event. This Eliminates the need of replace the entire board

Dimension

	DIN EN 50081-2	EMC interference emission
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	DIN VDE 0470 Part 1/ EN 60529	IP protection
	DIN 43 864	Current interface for pulse transmission Between pulse meters and tariff devices
	IEC 68-2	Basic environmental test procedures
	EC 255-4	High-frequency disturbance test
	IEC 61000 – 4 – 4	Asymmetric fast transient
	IEC 6100 – 4 – 12	Damped Oscilation
	IEC 606664-1	Pollution Degree

