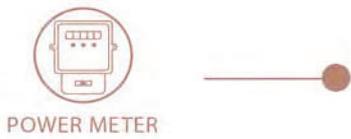


# EVOLEC



## MODULAR DIGITAL VOLTAGE & CURRENT PROTECTOR WITH ENERGY METER

# Modular Digital Voltage & Current Protector with energy meter

## ELDP-KWH-2P 63A

### General

Voltage and current display relays are microprocessor-based voltage monitoring devices for single-phase AC networks to protect electrical equipment from surge voltage. The device analyzes the main voltage and displays its current value on a digital indicator and measures energy consumption in KWH. Load is switched by electro-magnetic relay. The user can set the current, voltage value and delay time through the button. The value is stored in non-volatile memory. Aluminum wires and copper wires can be used for connection.



### Features

- Undervoltage protection.
- Overvoltage protection.
- Overcurrent protection.
- Working under meter mode/Volt-Current-Frequency.
- Energy meter.
- Lock Password.
- 15 adjustable functions.



### Application

Voltage and current display relay used in administrative, industrial, and residential buildings and has the function of protecting single-phase lines.

- PV systems
- Home applications

### Technical data

Parameter	Data
Rated supply voltage:	220VAC
Rated frequency:	50/60Hz
Operation Voltage Range:	AC 80V-300V (single phase)
Max. operating current:	63A
Max. power of load(kW):	13.9 kW
>U setting range:	130-300V
<U setting range:	80-210V
Voltage hysteresis:	5V
>U and <U trip delay:	0.5s
Voltage accuracy:	<1%
Altitude:	≤2000m
Permissible relative humidity:	≤50% at 40°C (without condensation)
Storage temperature:	-30°C to +70°C
Operating temperature:	-50°C to +55°C
Net weight:	145g.
Size:	81•36•66mm

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### Wiring Diagram



### Overall and mounting dimensions(mm)

