




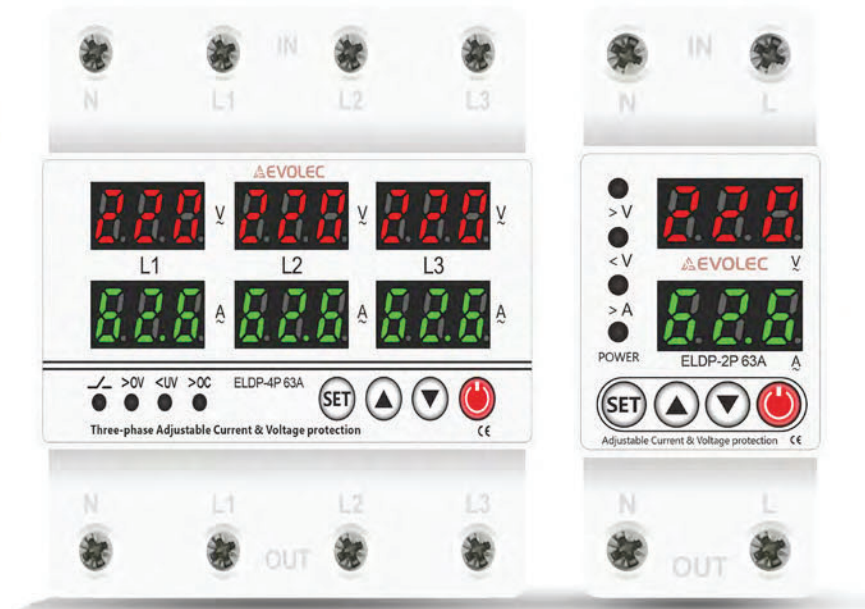
# EVOLEC

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OVER CURRENT PROTECTION
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OVER VOLTAGE PROTECTION
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UNDER VOLTAGE PROTECTION



## MODULAR DIGITAL VOLTAGE & CURRENT PROTECTOR

# Modular Digital Voltage & Current Protector

## ELDP-2P 63A

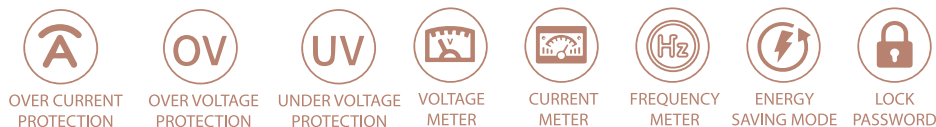
### General

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. 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 saving mode.
- Lock Password.
- 19 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

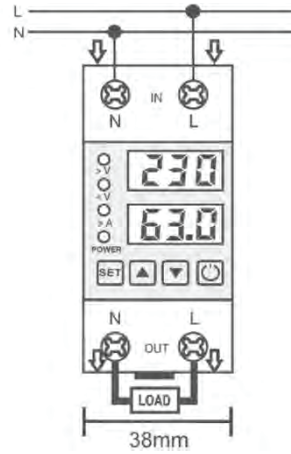
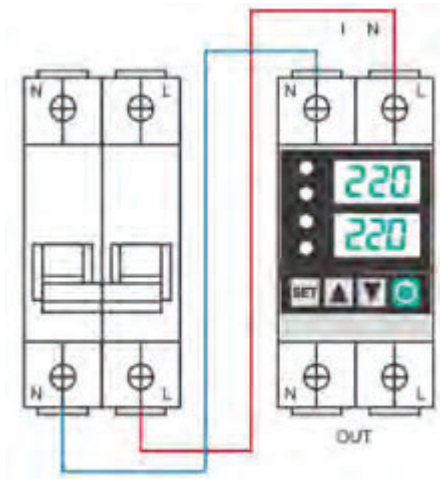
### Technical data

Parameter	Data
Rated supply voltage:	220VAC
Rated frequency:	50/60Hz
Max. operating phase voltage:	350V
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
Overvoltage trip delay:	0.5s
Voltage accuracy:	<1%
Altitude:	≤2000m
Permissible relative humidity:	≤50% at 40°C (without condensation)
Storage temperature:	-25°C to +55°C
Ambient temperature:	-25°C to +50°C
Net weight:	159g.
Size:	81•36•66mm

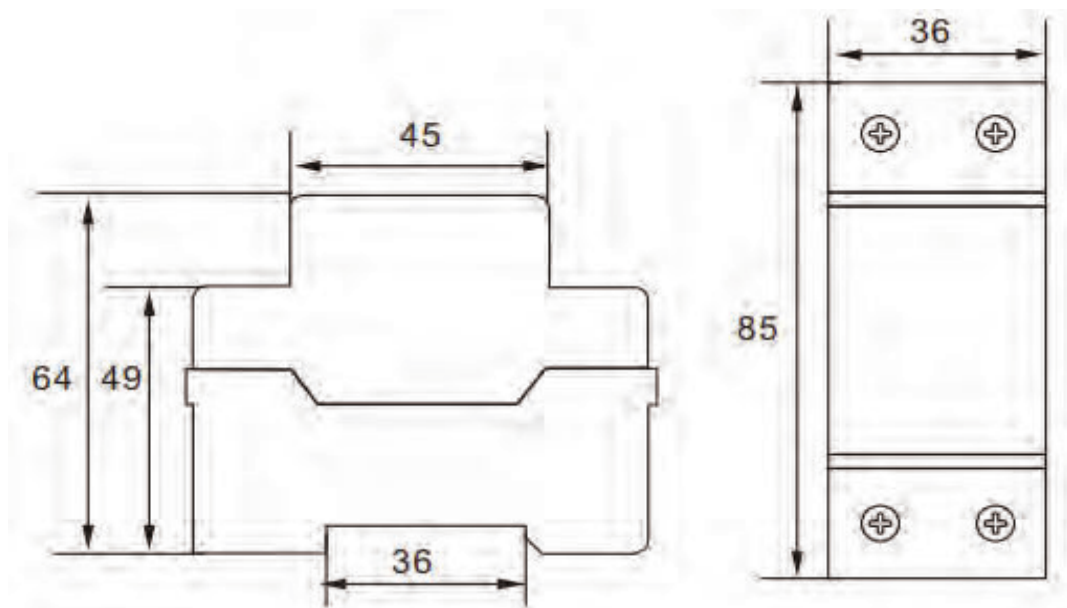
# Modular Digital Voltage & Current Protector

**ELDP-2P 63A**

## Wiring Diagram



## Overall and mounting dimensions(mm)



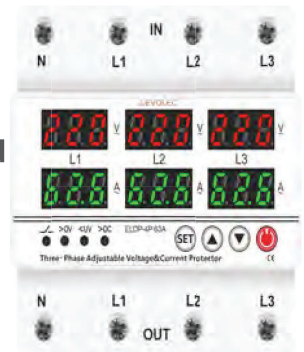
# 3-PHASE Modular Digital Voltage & Current Protector

**ELDP- 4P 63A /100A**

## General

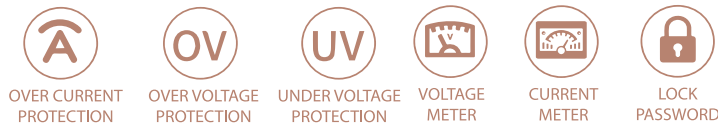
Voltage and current display relays are microprocessor-based voltage monitoring devices for 3-phase AC networks to protect electrical equipment from surge voltage. The device analyzes the main voltage and displays its current value on a digital indicator.

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.
- Imbalance protection.
- Phase sequence protection.
- Voltage and current meter.
- Lock Password.
- 16 adjustable functions.



## Application

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

- Solar systems
- Home applications
- Industrial applications.

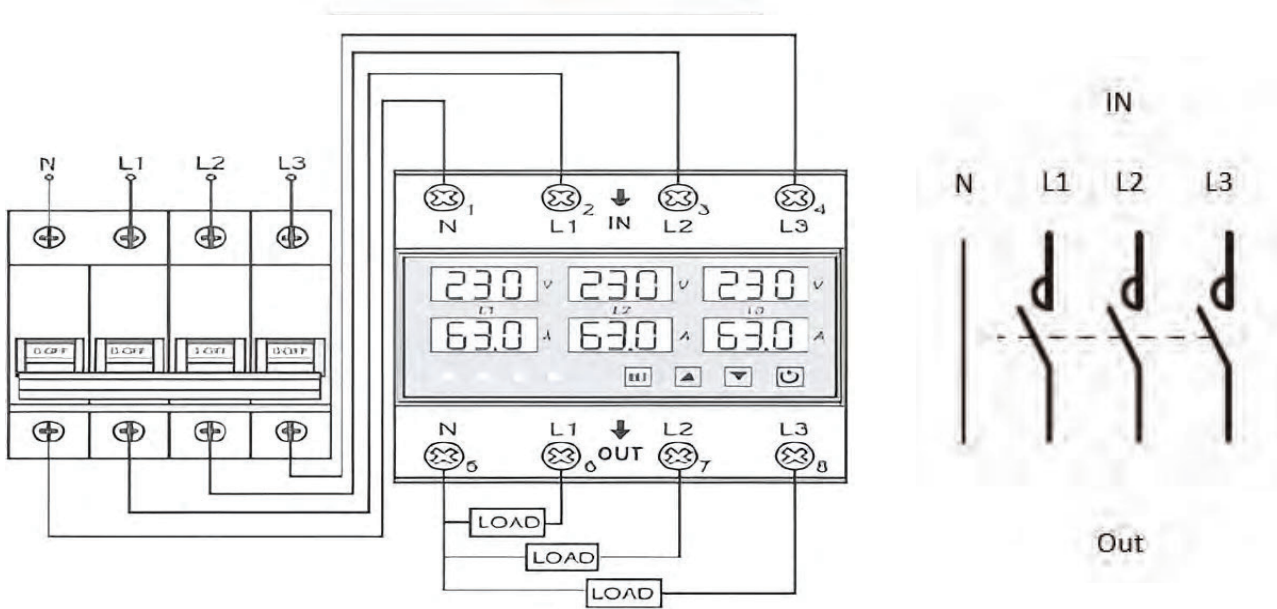
## Technical data

Parameter	Data
Rated supply voltage:	230VAC
Operation voltage range:	80-300 VAC
Rated insulation voltage:	450VAC
Rated frequency:	50/60Hz
Rated current:	63A/100A
Over voltage setting range:	130-300V
Under voltage setting range:	80-210V
Voltage hysteresis:	5V
Voltage accuracy:	1%
Altitude:	≤2000m
Protection degree:	IP20
Permissible relative humidity:	<50% at 40°C (without condensation)
Net weight:	388g
Size:	96•90•66mm

# 3-PHASE Modular Digital Voltage & Current Protector

**ELDP- 4P 63A /100A**

## Wiring Diagram



## Overall and mounting dimensions(mm)

