

REOTRON EW 514

Single-phase thyristor power regulator



Unique Selling Point

- Mains voltage compensation
- Setpoint via potentiometer
0...+10 V, 0(4)...20 mA
- Enable input 24 V, DC or contact
- Mounting to 35 mm DIN-rail

Description

The REOTRON EW 514 is a single-phase thyristor power regulator for load currents up to 6 A or 8 A.

The control electronics are isolated from the mains voltage. Load power is controlled by means of thyristors operated in the phase-angle control mode. The setpoint signal can be provided either by a potentiometer, or by a 0...+ 10 VDC or a 0(4)...20 mA control signal. Matching of load power to the required setpoint range is affected by internal trimmer potentiometers for Umin/Umax. Remote control of the unit is possible by means of an enable/inhibit input. Variation of the mains supply is compensated by an internal control circuit.

The unit is mounted to a 35 mm rail to DIN EN 50 022.

Technical Data

- Input voltage : 230 V + 6% / - 10%
- Output voltage : 0...230 V
- Output Current : 6 A or 8 A
- Input voltage switchable : Eingangsspannung umschaltbar [V] V

Your contact:

+1 (317) 899-1395 • info@reo-usa.com



REOTRON EW 514

Single-phase thyristor power regulator

Technical data

| Type | REOTRON EW 514 | |
|------------------------|---|-------|
| Input voltage: | 230 V, + 6% / - 10%, 50/60 Hz | |
| Output voltage: | 0...230 V | |
| Output current: | 6 A | 8 A |
| Part#: | 51403 | 51406 |
| Setpoint: | external with 0...+ 10 V, DC 0(4)...20 mA, Potentiometer 10 kΩ | |
| Release: | 24 V, DC or contact | |
| Start relay: | Changer 250 V, 1 A | |
| Operating temperature: | 0...+ 45 °C | |
| Protection rating: | IP 20 | |

Your contact:

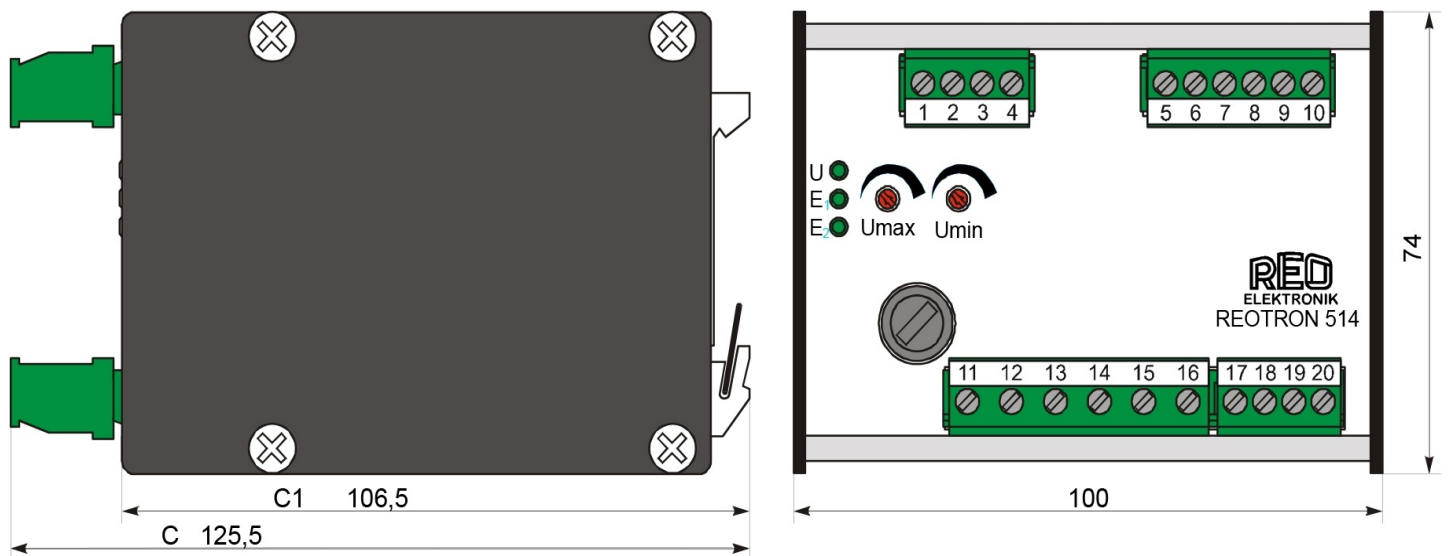
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Dimension drawing



| Type | a [mm] | b [mm] | c [mm] |
|--------|-----------|-----------|-----------|
| EW 514 | 100 | 74 | 106.5 |