Contatti REO Italia:
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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.

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 effected 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 are 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
- Input voltage switchable : Eingangsspannung umschaltbar [V] V

Last modified: 26.03.2019. All data is provided to the best of our knowledge and awareness and is subject to error and amendment.

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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
Setpoint:	external with 0...+ 10 V, DC 0(4)...20 mA, Potentiometer 10 kΩ
Release:	24 V, DC or contact
Operating temperature:	0...+ 45 °C
Protection rating:	IP 20

Dimension drawing

Type	a [mm]	b [mm]	c [mm]
EW 514	102	77	114

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