Contatti REO Italia:
+39 030 279 3883 •
info@reoitalia.it

REOTRON EW 509

Thyristor power regulator



Unique Selling Point

- Mains voltage compensation
- Selectable vibrating frequency 50/100 Hz or 60/120 Hz
- Enable input 24 VDC or contact
- Snap-on mounting for 35 mm DIN rail
- Control input for track control using the REOVIB 513

Description

The range of REOVIB System 500 modules comprises phase-angle controllers for vibratory feeders and a timer module used with systems that have track control.
The REOVIB 509 is designed for controlling bowl or linear feeders up to 15 A current rating. The output frequency 50Hz/100Hz (60Hz/120Hz) is selected to suit the feeder. In the regulation circuit there is built-in compensation for mains variations. The feed rate setpoint can be derived from a potentiometer, a voltage signal 0...+10 VDC or a current signal 0...20 mA. The setpoint range can be linearised by means of two trimmers Umin/Umax.

Furthermore, an enable input is provided for start/stop operation and there is a control input for use with a track control module (REOVIB 513).
Fixings are provided for DIN rail mounting according to EN 50022-35.

Technical Data

- Input voltage : 230 / 400 V + 6% / - 10%
- Output voltage : 0...Ue V
- Output Current : 15 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.

Contatti REO Italia:
+39 030 279 3883 •
info@reoitalia.it

REOTRON EW 509

Thyristor power regulator

Technical data

Type	REOTRON EW 50
Input voltage:	230 V, + 6% / - 10%, 50/60 Hz 400 V, + 6% / - 10%, 50/60 Hz
Output voltage:	0...230 V 0...400 V
Output current:	15 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:	IP 20

Dimension drawing

Type	a [mm]	b [mm]	c [mm]	d [mm]
EW 509	150	74	112	100

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