



REOVIB 514 (System 500)

Phase-angle controller for vibratory feeders

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 514 is designed for controlling bowl or linear feeders up to 6 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).

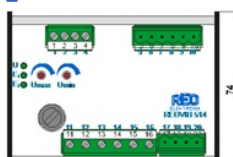
Fixings are provided for DIN rail mounting according to DIN EN 50022-35.

◦ Mains voltage compensation

◦ Please also note our System

- 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

Dimension drawing



Type	REOVIB 514
ID-No.:	110 V / 514.20
ID-No.:	230 V / 514.01
Supply voltage:	110 V, 230 V + 6 % -10 %, 50/60 Hz
Output voltage:	30...105 V, 40...210 V
Output current:	0.2... 6 A
Output frequency:	Selectable 50/100 Hz (50 Hz mains supply) 60/120 Hz (60 Hz mains supply)
Setpoint:	External with potentiometer 10 kW, 0...+10 VDC or 0...20 mA
Enable:	24 VDC or contact (isolated)
Operating temperature:	0...45 °C
Protection class:	IP 20