



## REOVIB 514 (System 500)

REOVIB 514, 6A, IP20, 230V 51401

### 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.

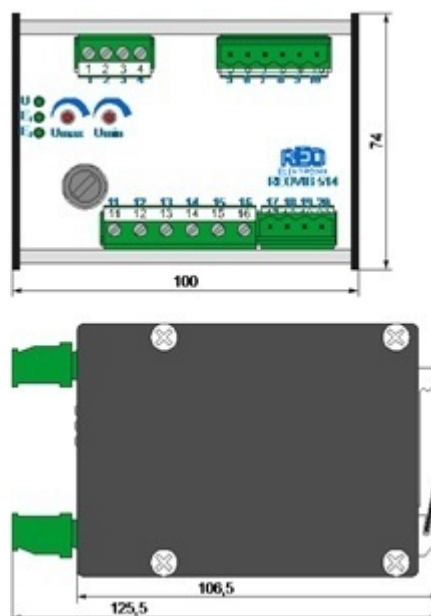
The REOVIB 514 is designed for controlling bowl or linear feeders up to 6 A current rating. The output frequency 50Hz/100Hz (60Hz/120Hz) is selected to suit the feeder. In the regulation circuit there is built-in compensation for mains variations. The feed rate setpoint can be derived from a potentiometer, 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 539

- 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



## Technical Data

|                       |            |
|-----------------------|------------|
| Supply Voltage        | 230 V      |
| Output Voltage        | 40...210 V |
| Output Current        | 0,2...6 A  |
| Frequency             | Hz         |
| Set Point             |            |
| Enable                | 24V, DC    |
| Relay                 |            |
| Soft Start            | Sek        |
| Track Control         |            |
| Amplitude Regulation  |            |
| Operating Temperature |            |
| Protection Rating     | IP20       |
| Controller Type       | Thyristor  |

|                        |                                                                          |
|------------------------|--------------------------------------------------------------------------|
| Type ID-No.: ID-No.:   | REOVIB 514 110 V / 514.20 230 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                                                                    |