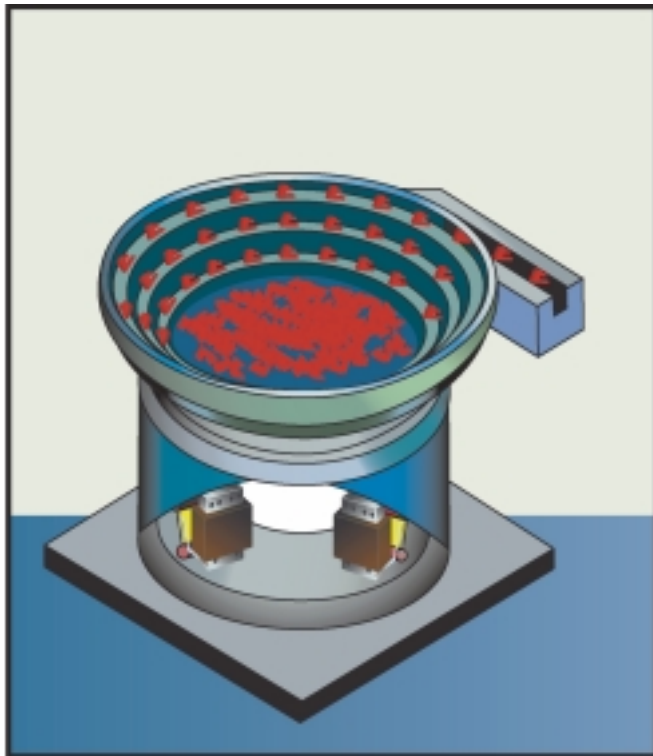
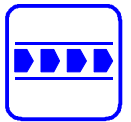


Phase-Angle Controller For Vibratory Feeders
Rated up to 15 Amps

REOVIB 509 (System 500)

DIN rail mounting version (IP 20)



Output frequency; half/full wave; 50/100 Hz (50 Hz mains supply)

Output frequency; half/full wave; 60/120 Hz (60 Hz mains supply)

Constant feed rate irrespective of voltage fluctuations

Compact design

Trimmers for set-point range linearisation (Umin and Umax)

Enable input 24 VDC or contacts

Snap-on mounting for 35 mm DIN rail

Control input for track control using the REOVIB 513

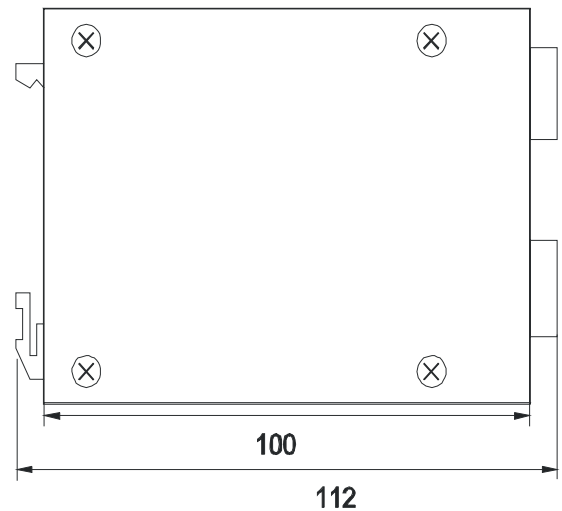
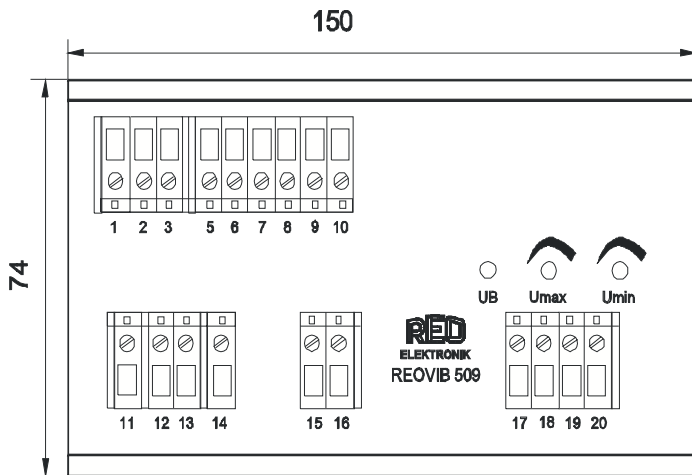
Phase-Angle Controller For Vibratory Feeders

REOVIB 509 (System 500)

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 set-point for the feed rate can be derived from a potentiometer, a voltage signal 0...+10 VDC or a current signal 0...20 mA. The set-point range can be linearised by using 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 rail mounting to DIN EN 50022-35.

Type	REOVIB 509
ID-No.:	400 V / 509.11
Supply voltage:	400 V + 6 % -10 %, 50/60 Hz
Output voltage:	60...360 V
Output current:	0.2...15 A
Output frequency:	Switchable 50/100 Hz (50 Hz mains supply) 60/120 Hz (60 Hz mains supply)
Set-point:	External potentiometer 10 k 0...+10 V, DC, 0...20 mA
Enable:	24 V, DC or contact (isolated)
Ambient temperature:	0...+45 °C
Construction:	IP 20



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