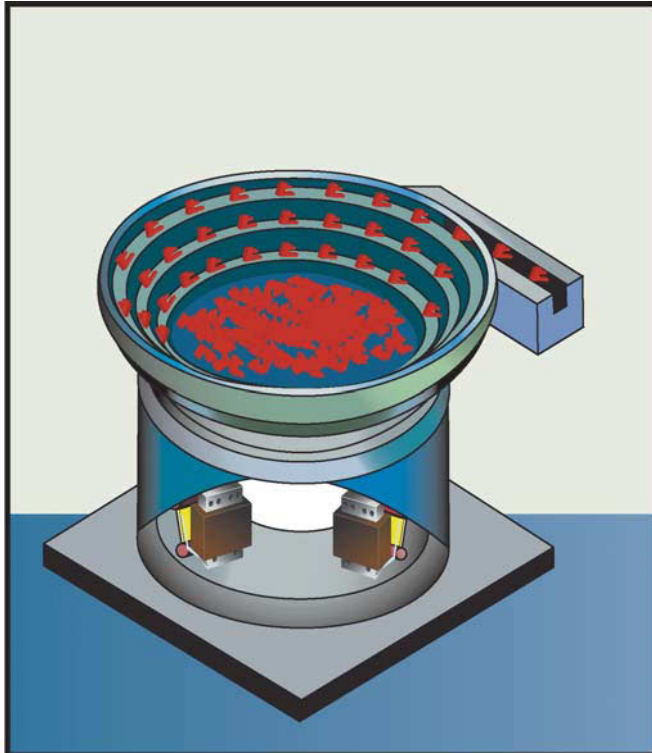
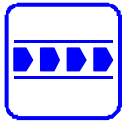


Phase-Angle Control Unit For Vibratory Feeders

REOVIB R45 / 499

Panel Mounting - Version (IP00)



- Feeder frequency 50/100Hz (50 Hz Supply)
- Feeder frequency 60/120 Hz (60 Hz Supply)
- Constant feed rate irrespective of supply variations
- Amplitude regulation possible
- Trimmers for set point linearisation
- Adjustable soft start
- Enable, using 24 VDC or contacts
- Potentiometer set point or 0...10V, 0(4)...20 mA
- Status relay

Phase-Angle Control Unit For Vibratory Feeders

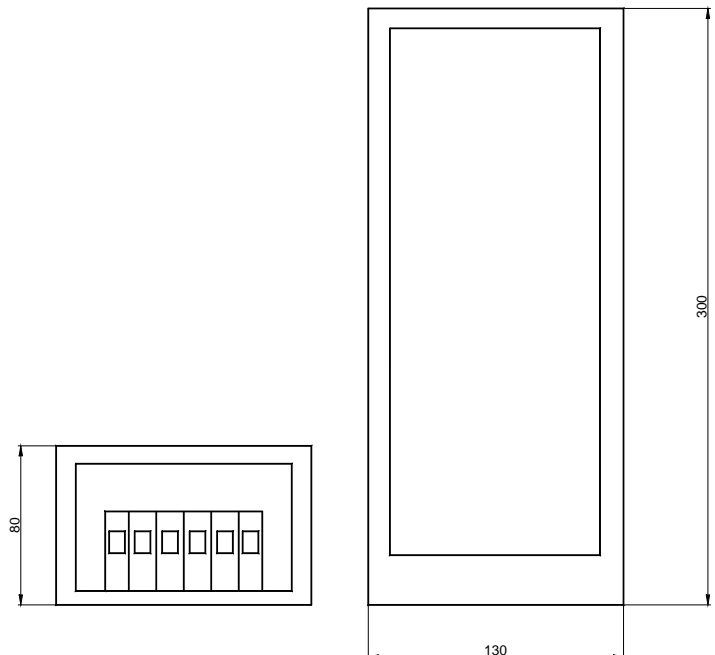
REOVIB R45 / 499

The Reovib R45/499 Series are used for controlling the feed rate of vibratory feeders that use an electromagnetic drive. The feed rate is adjusted using the phase-angle principle.

The set point source can be either a potentiometer or a voltage or current signal. Internal trimmers Umin and Umax are provided for adjusting the set point range to make it linear. An enable input is provided for use with a central control system such as a plc. An adjustable soft start is provided to reduce surges when the unit is first switched on. The unit also regulates the output voltage or it can be used to regulate amplitude. When it is used in amplitude regulation an accelerometer such as the SW07 must be attached to the feeder. Either voltage or amplitude regulation is selected by using an internal switch. A status relay is available and this switches when there is no output voltage or no feedback signal from the sensor. An internal fuse protects the semiconductors against a short-circuit.

Connection to the feeder is made using terminals.

Type ID-No:	REOVIB R45 / 499 400 V / 49922
Input Voltage:	400 V + 6 %-10 %, 50/60 Hz
Output Voltage:	60...380 V
Output Current:	0,2...45 A
Feeder Frequency:	50/100 Hz (50 Hz Mains) 60/120 Hz (60 Hz Mains)
Set Point:	External using 0...10 V, DC, 0(4)...20 mA Potentiometer 10 k
Enable:	24 V, DC or Contacts
Status Relay:	Change Over (250 V, 1A)
Soft Start	0,1...5 Sec.
Amplitude Regulation:	With Sensor: eg. with Type REOVIB SW07
Operating Temperature::	0-45°C
Protection	IP00



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