



- Mains voltage compensation
- Integrated track control

- Suitable for 110 V or 240 V, 50/60 Hz supplies, without switching
- Selectable vibrating frequency 50/100 Hz 60/120 Hz
- Internal setpoint using display, external with potentiometer
- Enable input 24 VDC or contact
- 24 VDC outputs for solenoid valve and timeout
- 24 VDC control signals for interlocking several units
- Operation via LED display and keypad
- All settings can be made without opening the unit
- Internal logic function of both channels

## REOVIB MTS 442

### 2-channel phase-angle controller for vibratory feed

#### Description

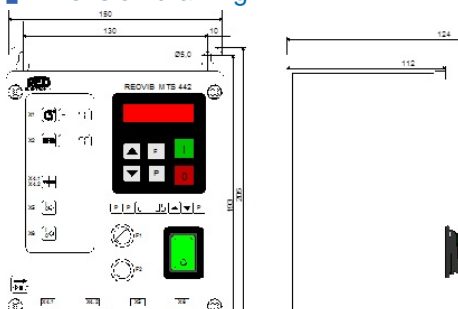
The REOVIB MTS 442 is a 2-channel controller that can be used with bowl or linear feeders. It can be adapted for use with different feeders by selecting either half or full wave output i.e. 50/100 Hz (50 Hz supply) or 60/120 Hz (100 Hz supply). The interactions of the two channels are controlled internally.

The setpoint for the feeder throughput and all parameters are adjusted by using the display and keypad in the front panel. User settings can be stored and recalled.

Track-sensor control is provided for each channel. If two sensors are used, it is possible to set up logic interlocks. Furthermore, there is a 24V solenoid output and each output channel has an enable input and a status output which can be used for interlocking with other control equipment. The unit can also be set up for use with a single-phase storage conveyor motor.

Moreover, the unit is fitted with a mains switch, a mains supply lead or socket, and output sockets for connecting the feeder and control signals. An on-board fuse provides short-circuit protection for the internal semiconductors.

#### Dimension drawing



Type	REOVIB MTS 442
Supply voltage:	110 V, 240 V $\pm$ 10 %, 50/60 Hz
2 x Outputs:	0...100 V / 0...210 V, each 6 A, total 10 A
Pulsed output:	e.g. storage feed Pulse duty cycle 0...60 sec
Vibrating frequency:	selectable 50/100 Hz (50 Hz supply) 60/120 Hz (60 Hz supply)
Setpoint:	Internal using display
2 x Enable:	24 V DC or contacts
2 x Track sensors:	Internal supply 24 V DC for PNP sensor Adjustable time delays (invertible)
Soft start/Soft stop:	0...10 sec
Time delay for On/Off switching:	0...60 sec
7 Outputs:	Supply, 2 x enable status, 24 V DC 2 x On/Off, solenoid valve, timeout
Operating temperature:	0...+45 °C
Protection class:	IP 54