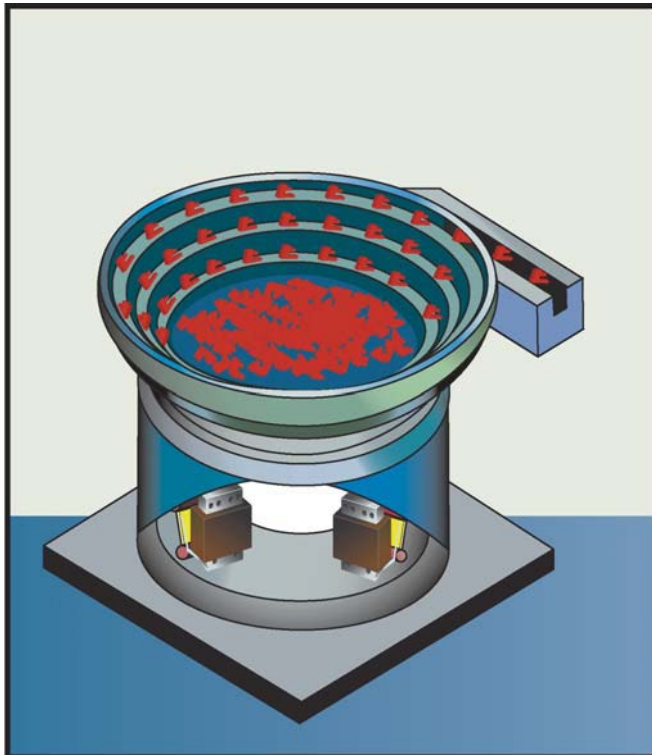


**1-Channel Phase-Angle Controller  
For Vibratory Feeders**

**REOVIB MTS 441**

Enclosed - Version (IP54)



Suitable for 110 V or 240 V, 50/60Hz supplies, without making any changes

Output frequency 50/100Hz (50 Hz mains supply)

Output frequency 60/120Hz (60 Hz mains supply)

Constant throughput despite supply variations

LED display and keypad for setting parameters

All adjustments can be made without opening the unit

Enable input 24 V, DC or contacts

Integrated track sensor control

24 V, DC control signal for interlocking with other controllers

24 V, DC solenoid-valve output

External set point connections

# 1 Channel Phase-Angle Controller

## REOVIB MTS 441

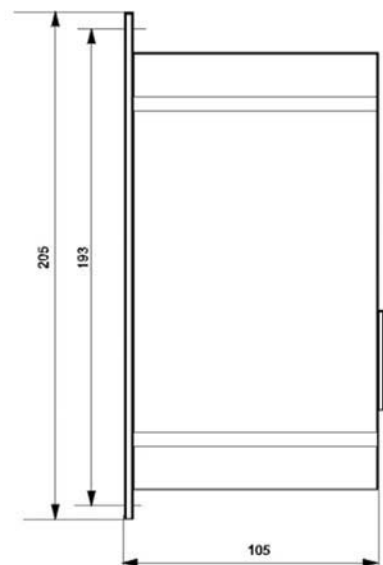
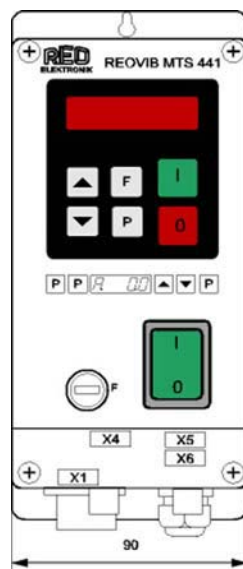
The REOVIB MTS 442 is a 1-channel controller that can be used with bowl or linear feeders. It can be adapted for use with different feeders by selecting either half or full wave output i.e. 50/100 Hz (50 Hz supply) or 60/120 Hz (60 Hz supply).

The set-point for the feeder throughput and all parameters are adjusted by using the display and keypad in the front panel. User Track-sensor control is provided for each channel. Furthermore, there is a 24V solenoid output and 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.

The controller includes a mains switch, a mains cable or socket, and output sockets for the feeder and signal cable.

Fuses are fitted to protect the control semiconductors from short-circuit faults.

Type:	REOVIB MTS 441
Supply voltage:	110 V, 240 V $\pm$ 10 %, 50/60 Hz
Output voltage:	0...100 V / 0...210 V, max. 6 A
Pulsed output:	e.g. storage feed Pulse on/off 0...60 sec
Output frequency:	50/100 Hz (50 Hz Mains) 60/120 Hz (60 Hz Mains)
Set point:	Internal using display external with 0...+10 V, DC 0(4)...20 mA, Potentiometer 10 k
Enable:	24 V, DC or contacts
Track sensor:	Internal supply 24 V, DC for PNP-sensor Adjustable time delays (invertable)
Soft start/stop:	0...10 Sec.
On/off time delays:	0...60 Sec.
5 x Outputs:	Power, enable status, on/off, solenoid, time out
Status relay:	Change over contacts (250 V, 1 A)
Operating temperature:	0...+45 C
Protection:	IP54



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Subject to Changes Without Prior Notification.