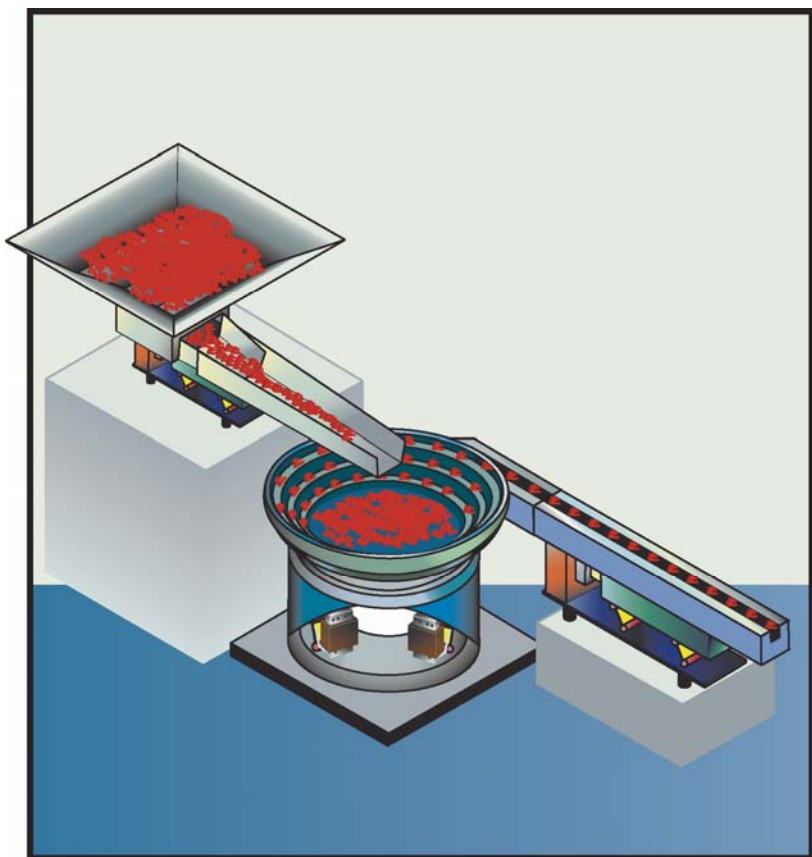


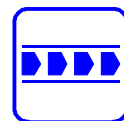


REOVIB MTS 443

Microprocessor Thyristor System



- Voltage compensation
- Dual voltage 110V/240V, 50/60 Hz supplies, auto switching
- Vibrating frequency 50/100 Hz 60/120 Hz
- Internal setpoint using display, external with potentiometer
- Enable input 24 VDC or contact
- Integrated track control
- 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 externally
- Internal logic function of the different channels



REO-USA, Inc.
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REOVIB MTS 443

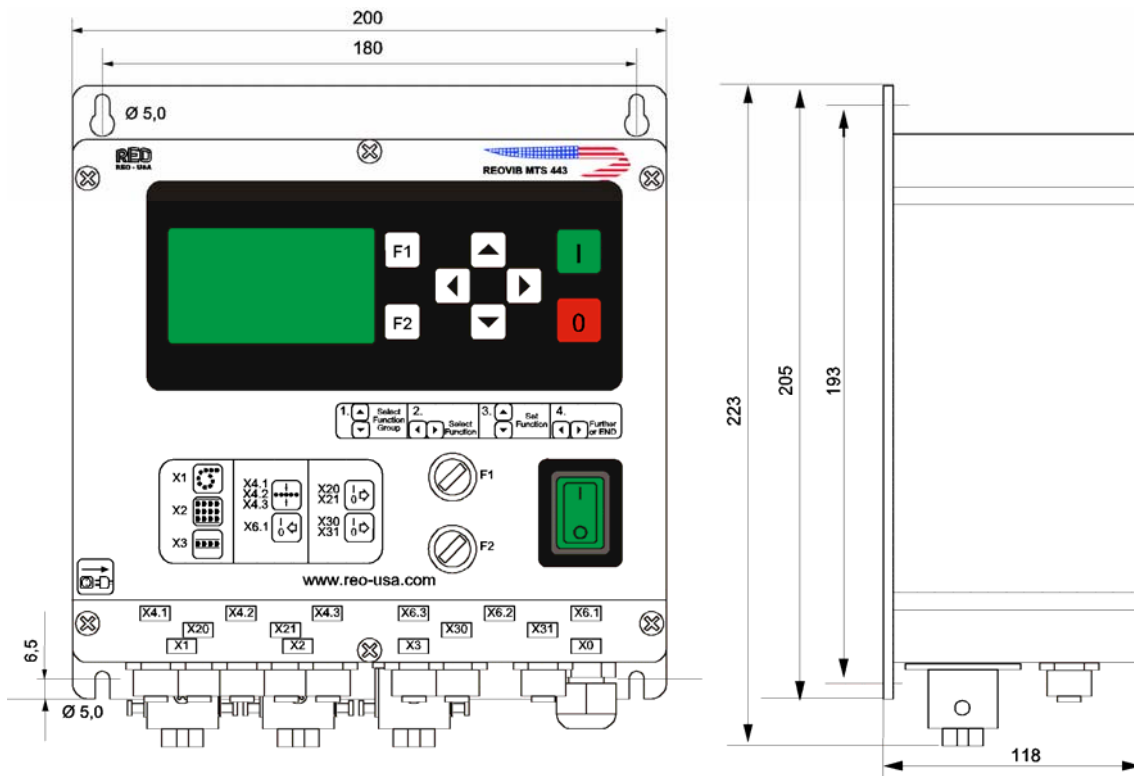
Microprocessor Thyristor System

The REOVIB MTS 442 is a dual output controller that can be used with bowl/hopper or bowl/inline feeders. It can be adapted for either half or full wave output, 50/100 Hz (50 Hz supply) or 60/120 Hz (100 Hz supply). The interactions of the two outputs are controlled internally and independently. The setpoint for the feeder throughput and all parameters are adjusted by using the keypad in the front panel. User and factory 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. There is a 24V solenoid output and each output has an enable input and a status output which can be used for interlocking with other controllers. The unit can also be set up for use with a single-phase AC motor.

The MTS 442 is fitted with a power switch, a power supply lead, (2) output sockets for connecting the feeder and control signals. An on integrated fuse provides short circuit protection for the internal semiconductors.

Type	REOVIB MTS 443
ID NR.:	44315
Supply voltage:	110 V, 240 V \pm 10 %, 50/60 Hz
3 x output:	0...100 V/0...210 V, 10 A total
Pulsed output:	Pulse duty cycle 0...60 sec
Vibrating frequency:	switchable 50/100 Hz (50 Hz supply) 60/120 Hz (60 Hz supply)
Setpoint:	Keypad
Enable:	24 V DC or contact (invertible)
3 backlog sensors:	Internal supply 24 V, DC for PNP sensor Adjustable time delays (invertible)
Soft start/soft stop:	0...60 sec
Time delay for On/Off switching	0...60 sec
6 outputs:	Supply, enable status, 2 x On/Off, 2 x timeout
Operating temperature:	0...+45 °C
Protection class:	IP 54
Protection class:	IP 54
Operating temperature:	0...+45 °C
Protection class:	IP 54



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Subject to technical modifications without prior notice.
03/2005

