Contatti REO Italia:
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REOVIB MTS 443/443 LCD

IP 54, Three-channel control



Unique Selling Point

- Phase-angle control with programmable functions
- Digital setting of all parameters via LED display or multiline LCD display (MTS 443 LCD)
- Three-channel control for the optimal control of the complete conveyor system
- Automatic mains voltage adjustment
- Material flow control
- Various sensor logic functions can be set
- Adjustable soft start
- With fill level/overflow control
- Integrated mains voltage compensation with constant vibration amplitude

Description

The REOVIB MTS 443 control device has three power outputs that can be linked according to the the application requirements (e.g. hopper, bowl and linear conveyors). Various sensor and valve logic can also be programmed. All parameters can be input via a display integrated into the faceplate. Application-specific settings can be stored and retrieved when required.

The equipment is available in a standalone IP54 housing with various connection options:
- Input cable/output socket
- Complete cable connection solution for mains, output and control connections

REOVIB MTS 443-LCD

Same design as MTS 443, but with LCD display.

The full-text display in various languages makes programming and adjustment easy and intuitive. Important status indications and settings can easily be input and retrieved.

Typical applications

- Conveyor & assembly automation
- Conveyor technology
- Sieving technology
- Filling & packaging technology

Technical Data

- Output voltage : 20 - 100 / 40 - 210 V
- Output Current : 10 A
- Input voltage auto detect : 110 - 230 V

Last modified: 18.07.2018. All data is provided to the best of our knowledge and awareness and is subject to error and amendment.

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Technical data

Type	MTS 443	MTS 443 - LCD
Mains input	110 / 230V Auto Detect	110 / 230V Auto Detect
Mains frequency	50 / 60 Hz +/- 3 Hz	50 / 60 Hz +/- 3 Hz
Output voltage	20...100 V / 40...210 V	20...100 V / 40...210 V
Output current	Per output max. 6 A	Per output max. 6 A
Number of outputs	3	3
Max. Output current from all outputs	10 A	10 A
Vibration frequency	50 / 100 Hz (60 / 120 Hz)	50 / 100 Hz (60 / 120 Hz)
Setpoint value	Display	Display
Statussignal	24 V DC	24 V DC
Ext. Enable	24 V DC, Switch	24 V DC, Switch
Sensor supply	24 V DC	24 V DC
Setting Umin / Umax	Display	Display
Soft start	Adjustable 0...5 sec.	Adjustable 0...5 sec.
With fill level/overflow control	Per output PNP, 24 V DC	Per output PNP, 24 V DC
Mains voltage compensation	x	x
Coarse/fine control	x	x
Selectable timer function	x	x
Sensor time out monitor	x	x
Standards Conformity	CE, RoHS	CE, RoHS
Protection class	IP54	IP54

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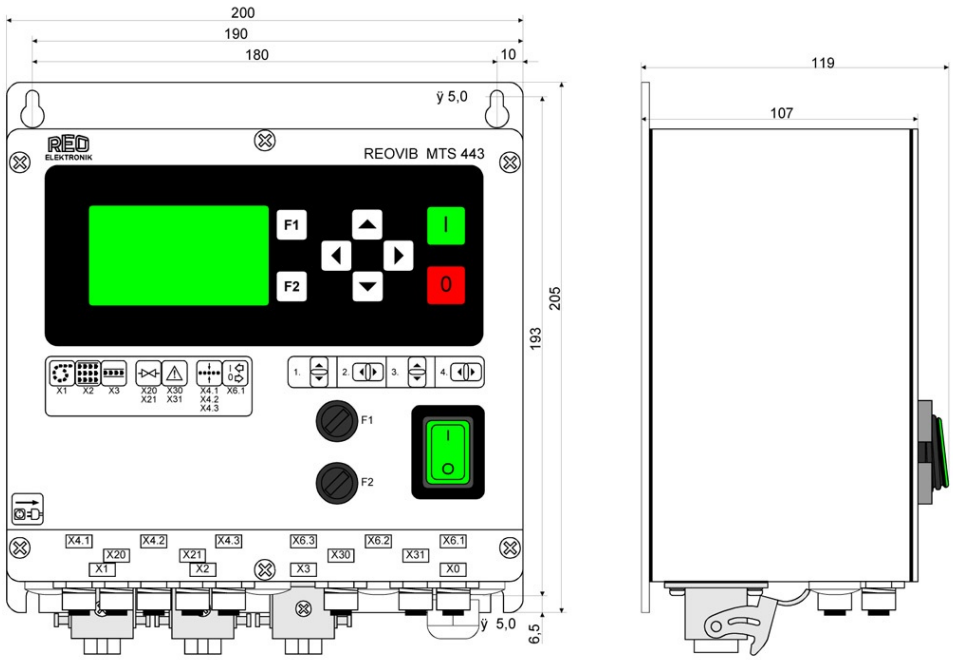
Dimension drawing



Example for complete cable connection

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