



Phase-angle control systems

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REOVIB RTS series

Phase-angle control equipment for vibratory conveyors

These devices offer the most important functions for use in vibratory conveyor applications and extended functionality such as the soft start time and more extensive control functions such as the implementation of fill level/overflow control

Devices are available in various protection classes from IP00 to IP54 - so it is possible to select the optimal control device for the relevant application from the REOVIB RTS series.



RoHS
COMPLIANT
2011/EG

Advantages

- Inexpensive phase-angle control systems with extended functionality.
- IP54 design for mounting directly on the vibrating machine
- Output current up to 6 A
- Versions available with fill level/overflow control
- Mains voltage compensation with constant vibration amplitude
- Adjustable soft starting ramp time



REOVIB RTS R6/539 IP54

REOVIB RTS series

Devices in the **REOVIB RTS series** are available as housing designs with protection class IP54 for direct assembly to the application.

The maximum output current is 6 A.

Devices have mains voltage compensation with constant vibration amplitude, a relay output for status display, and an adjustable soft starting ramp time, and the **REOVIB RTS RS6/539-559 type** has fill level/overflow control

The control devices are available in different versions:

- Input cable/output cable
- Input cable/output socket
- Complete cable connection solution for mains, output and control connections (with **REOVIB RTS RS6/539-559**).

Typical applications

- Conveyor & assembly automation
- Conveyor technology
- Sieving technology



REOVIB RTS R6/539-559
IP54

Technical data

	RTS R6/539	RTS RS6/539-559
Mains input	110 / 230V switchable	110 / 230V switchable
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	max. 6 A	max. 6 A
Vibration frequency	50 / 100 Hz (60 / 120 Hz)	50 / 100 Hz (60 / 120 Hz)
Setpoint value	Potentiometer , 0...10V, 0...20 mA	Potentiometer , 0...10V, 0...20 mA
Ext. Enable	24 V DC, Switch	24 V DC, Switch
U_{min} / U_{max}	Internal potentiometer	Internal potentiometer
Soft start	Adjustable 0,2...5 sec.	Adjustable 0,2...5 sec.
Status relay	x	x
Mains voltage compensation	x	x
Fill level/overflow control	-	x
Standards Conformity	CE, RoHS	CE, RoHS
Protection class	IP54	IP54
Our experts suggest the following AC-Magnets:	WI 111, WI 121, WI 421 (6000 1/min, 3000 1/min), WI 621 (6000 1/min, 3000 1/min), WI 211, WE 131	

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