

REOVIB RTS

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 [has a fill level control/overflow controller](#) (Devices with fill level control/overflow controllers include an overflow relay to link additional control devices).

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
(For REOVIB RTS RS6/539-559).

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 R6/539-559 IP54



Technical data

REOVIB Phase-angle control systems RTS System		
	RTS R6/539	RTS RS6/539-559
Mains input	110 / 230 V switchable	110 / 230 V 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	Poti, 0...10 V, 0...20 mA	Poti, 0...10V, 0...20 mA
Ext. Enable	24 V DC, Switch	24 V DC, Switch
Setting U_{\min} / U_{\max}	Internal potentiometer	interne Potentiometer
Soft start	Adjustable 0,2...5 Sek.	Adjustable 0,2...5 Sek.
Status relay	optional	✓
Mains voltage compensation	✓	✓
Fill level/overflow control	-	✓
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

Typical applications: Conveyor & assembly automation, conveyor technology, sieving technology