

REOVIB SMART

The **REOVIB SMART** series contains phase angle control devices for use in vibratory conveyor applications. The devices provide the most important functions for use in vibratory conveyor engineering and they therefore represent a cost-efficient option for controlling vibratory conveyors, and all of this comes in a high-quality design.

The devices are available in various protection classes - as a module for mounting in a switch cabinet IP20 or as a housing design in IP54 for mounting directly on the vibrating machine. The housing designs with protection class IP54 are available in different versions:

- Input cable/output cable
- Input cable/output socket

- Complete cable connection solution for mains, output and control connections. In addition to the functions and advantages of the REOVIB SMART series, the control device has compensation for mains voltage fluctuations with constant vibration amplitude - and an adjustable soft starting ramp time.

REOVIB SMART RTS 15 devices sind verfügbar are available in an IP 54 housing with output currents up to 15 A and are listed by UL.

Advantages SMART

- Cost-effective phase-angle control systems with vital functionality
- IP54 design for standalone application or IP20 design for installation in a control cabinet
- Versions available with UL approval (SMART RTS 15)
- Output current up to 15 A



Technical data

SMART		
	SMART	SMART RTS 15
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. 15 A
Vibration frequency 50Hz	50 / 100 Hz	50 / 100 Hz
Vibration frequency 60Hz	60 / 120 Hz	60 / 120 Hz
Setpoint value	Poti, 0...10 V, 0...20 mA	Poti, 0...10 V, 0...20 mA
Ext. Enable	24 V DC, Switch	24 V DC, Switch
Setting U_{min} / U_{max}	Internal potentiometer	Internal potentiometer
Soft start	Fixed	Fixed
Mains voltage compensation	-	-
Conformity	CE, RoHS	UL, CE, RoHS
Protection class	IP20 / IP54	IP54
Ambient temperature	0...45 °C	0...45 °C



Smart RTS 15 Optional UL-certified

Our experts suggest the following ACMagnets: 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, sorting systems