

REOVIB RTS System

RTS SYSTEM basic module

In open type of construction for assembly on a DIN rail with an output channel of max. 6A with fill level/overflow control and mains voltage compensation. The basic module has a supply for the expansion modules, so further output modules up to a total current of 10A can be connected.

RTS SYSTEM expansion module

In open design for assembly on a DIN rail. The expansion module has an output channel max. 6A with fill level/overflow control and mains voltage compensation and can be set up together with the basic module and several expansion modules.

REOVIB RTS SINGLE

In open design for assembly on a DIN rail with an output channel of max. 6A, fill level/overflow control and mains voltage compensation.

Advantages

- Cost-effective phase-angle control systems with protection class IP00 for installation in a control cabinet
- Can be used as a standalone device or in a modular design for several outputs
- Output current up to 6A
- Fill level/overflow control
- Mains voltage compensation with constant vibration amplitude
- Adjustable soft start ramp time

**REOVIB RTS
Single IP00**



**REOVIB RTS SYSTEM
IP00 basic module**



**REOVIB RTS SYSTEM
IP00 expansion module**



REOVIB RTS SYSTEM IP00 for DIN rail mounting
Example here: 1 basic module + 2 expansion modules (with filling-level control/part-overflow circuit) for a 3-channel control system



Technical data

REOVIB Phase-angle control systems RTS System			
	RTS Single	RTS Basic module	RTS Expansion module
Mains input	110 / 230 V switchable	110 / 230 V switchable	über RTS Basic module
Mains frequency	50 / 60 Hz +/- 3 Hz	50 / 60 Hz +/- 3 Hz	über RTS Basic module
Output voltage	20...100 V / 40...210 V	20...100 V / 40...210 V	20...100 V / 40...210 V
Output current	max. 6 A	max. 6 A	max. 6 A
Vibration frequency	50 / 100 Hz (60 / 120 Hz)	50 / 100 Hz (60 / 120 Hz)	50 / 100 Hz (60 / 120 Hz)
Setpoint value	Poti, 0...10 V, 0...20 mA	Poti, 0...10 V, 0...20 mA	Poti, 0...10 V, 0...20 mA
Ext. Enable	24 V DC, Switch	24 V DC, Switch	24 V DC, Switch
Setting U_{min} / U_{max}	Internal potentiometer	Internal potentiometer	Internal potentiometer
Soft start	Adjustable 0,2...5 Sek.	Adjustable 0,2...5 Sek.	Adjustable 0,2...5 Sek.
Max. output current from all outputs	-	10 A	-
Mains voltage compensation	✓	✓	✓
Fill level/overflow control	✓	✓	✓
Conformity	CE, RoHS	CE, RoHS	CE, RoHS
Protection class	IPO0	IPO0	IPO0



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