



REOVIB SMART Cost Effective Phase Angle Controller

SMART Controller 230V, 6 A IP54 Neutral Version 604406

Description

The REOVIB SMART A6 is a price-effective controller for bowl or linear feeders.

An attractive, anodized aluminium extrusion is used for the IP54 housing.

The unit contains an EMC filter and a fuse for protecting the switching semiconductor. An enable input is provided for stopping and starting the unit, using external contacts or a 24V, DC signal voltage.

The internal trimmer pots "Umin" and "Umax" are used to adapt to the feeder's specific characteristics.

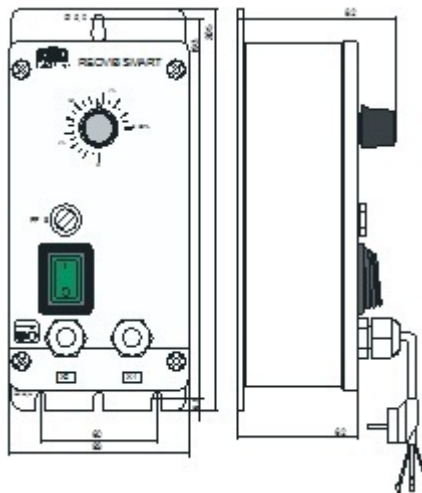
The set-point can be adjusted with an external 0...+10V, DC or 0(4)...20mA signal or a 10k Ω potentiometer that also enables to adjust output power.

The unit is supplied with a 2m input cable with earthing type plug and an output cable for the feeder.

- Input and output cable
- Available as versions 1, 2 or 3

- Output frequency 50/100 Hz / 60/120 Hz
- Set-point via potentiometer 10 k Ω , 0...+10 V/0(4)...20 mA
- Enable signal 24 V, DC or contacts
- Available with customer's emblem

Dimension drawing



Technical Data

Supply Voltage	240 V
Output Voltage	40...210 V
Output Current	6 A
Frequency	50/100 or 60/120 Hz
Set Point	External with Potentiometer
Enable	24 V, DC
Relay	
Soft Start	Sek
Track Control	
Amplitude Regulation	
Operating Temperature	
Protection Rating	IP54
Controller Type	Thyristor

Type	REOVIB SMART A6
ID-no.:	115 V / 604401
ID-no.:	240 V / 604402
Input voltage:	115 V \pm 10 % 240 V \pm 10 %
Output voltage:	20...100 V 40...210 V
Output current:	max. 6 A
Output frequency:	50/100 Hz (50 Hz) 60/120 Hz (60 Hz)
Set-point:	Potentiometer 10 k Ω 0...10 V, DC 0...20 mA
Enable signal:	24 V, DC
Operating temperature:	0...+45 °C
Protection class:	IP20 / IP 54