Electronic Controller for Electromagnetic Vibrator

VBS06 6A 230V IP 65

General

Stabilized professional controller, compact, economic, current till to 6,3A rms in metallic or plastic box, only circuit or circuit with support DIN35 with external potentiometer.

General Characteristics

Voltage 230V, 50/60 Hz • 3000/6000 Vib/min • Double Input ON/OFF • Slow/fast ramp • Reg. vibration min/max • Led ON • Line input with schuko plug • Vibrator output with connector.

Applications

Regulation of linear and circular vibrators till 6,3 Amps.

Options

Box IP65 (NEMA 4/4X) • INOX Box • Personalized label • Connector for vibrator • Available with circuit PRX92 or PRX99 (NPN-PNP sensor).

Technical Specs

Tension of Feeding:	230 V ± 5% – 50/60 Hz
Consumption:	1,5 W max
Current Max:	6,3A (RMS)
Load Min:	50 mA (RMS)
Frequency of Vibration:	3.000/6.000 V/min (50 Hz) RC-AC
Time of Ramp:	0,2 sec. / 2 sec. (modifiable)
Regulation Min.:	80 V ± 30%
Regulation max:	220 V -30%
On/Off:	free voltage contact/signal voltage 0/24Vcc
Degree of Protection:	IP55 in box (IP65-NEMA4-4X)
Temperature of Storage:	–15°C / +80°C
Temperature of Operation:	–5°C / +55°C
European Norms:	EMC CE
Guarantee:	1 year (from date on circuit)



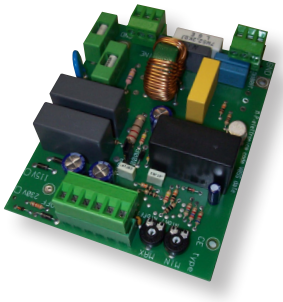
METALLIC BOX
PV VBS06 Z2 STM
165x140x65



METALLIC BOX
PV VBS06 Z2 SM3
195x130x90



PLAASTIC BOX
PV VBS06 Z2 STD
165x130x70

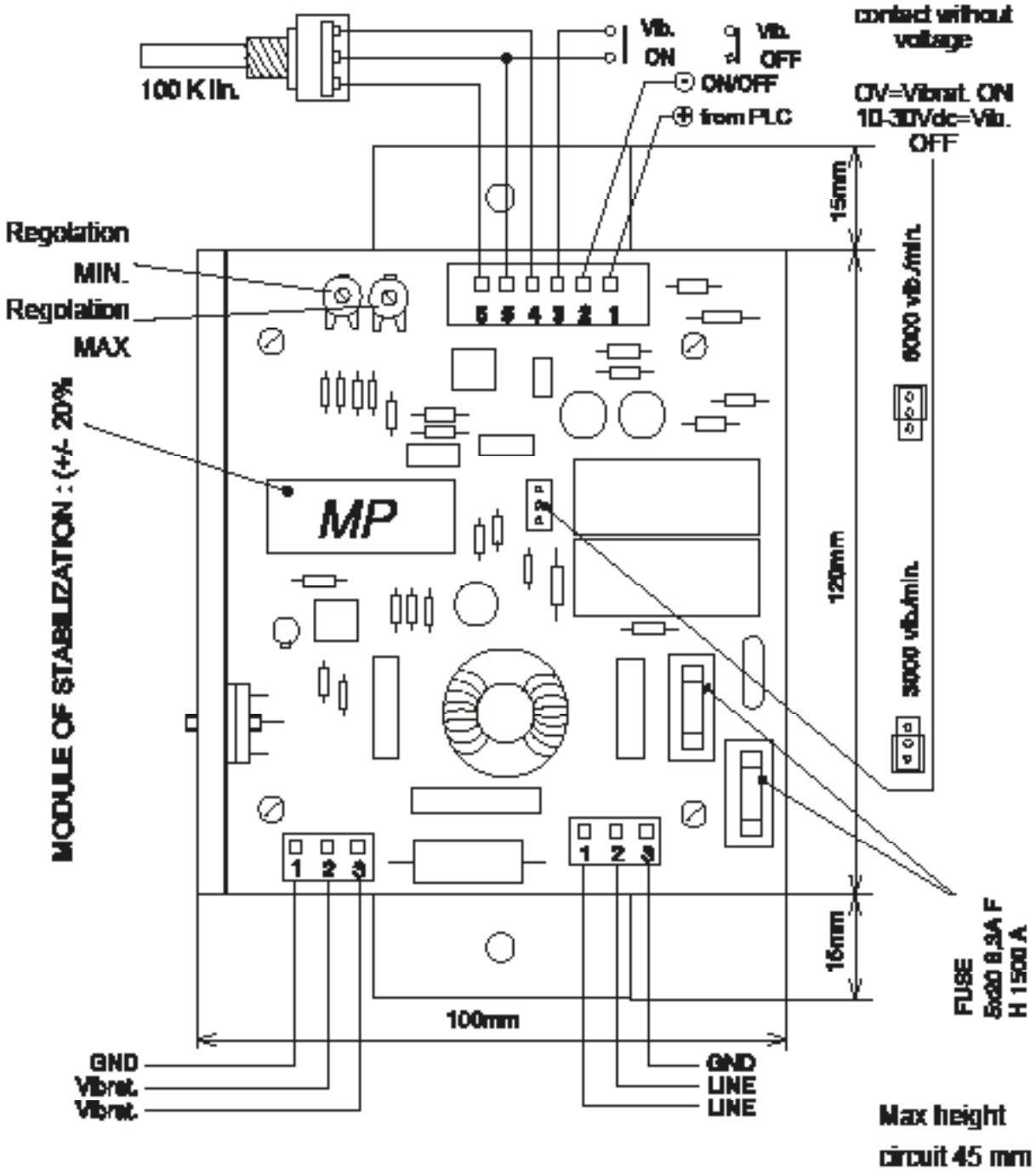


CIRCUIT
PV VBS06 A2 STD

Available Versions

Type	Box	Colour	Dimensions	Code	Price €
VBS06	Fire-retardant plastic	RAL 7035	165 x 130 x 70	PV VBS06 Z2 STD	
VBS06	Aluminum	GREY CLEAR	165 x 140 x 65	PV VBS06 Z2 STM	
VBS06	Aluminum	RAL7035	195 x 130 x 90	PV VBS06 Z2 SM1	
VBS06/DIN35	Circuit		145 x 130 x 50	PV VBS06 D2 STD	

NOTE: optoisolated and protect PLC contact against of polarity inversion



NOTE: The electronic circuit may be supplied with code vbs06/d, also with support for assembly on the Omega DIN 35 bar.

If only the open-frame board is used (IP00) insert it and wire it in a container that could guarantee an excellent safety degree respecting the current European Norms, and isolate the terminals of the potentiometer with the little rubbers in endowment. Each responsability from a wrong use of the open-frame board is declined. Sketch and technical characteristics are subject to modification without warning.

Description: CONTROL CIRCUIT VBS06				
CODE	REV	DATE	DRAFTSMAN	SHEET
DTVBS06	00	12/97	E. PEDRAZZI	1/1