

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

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

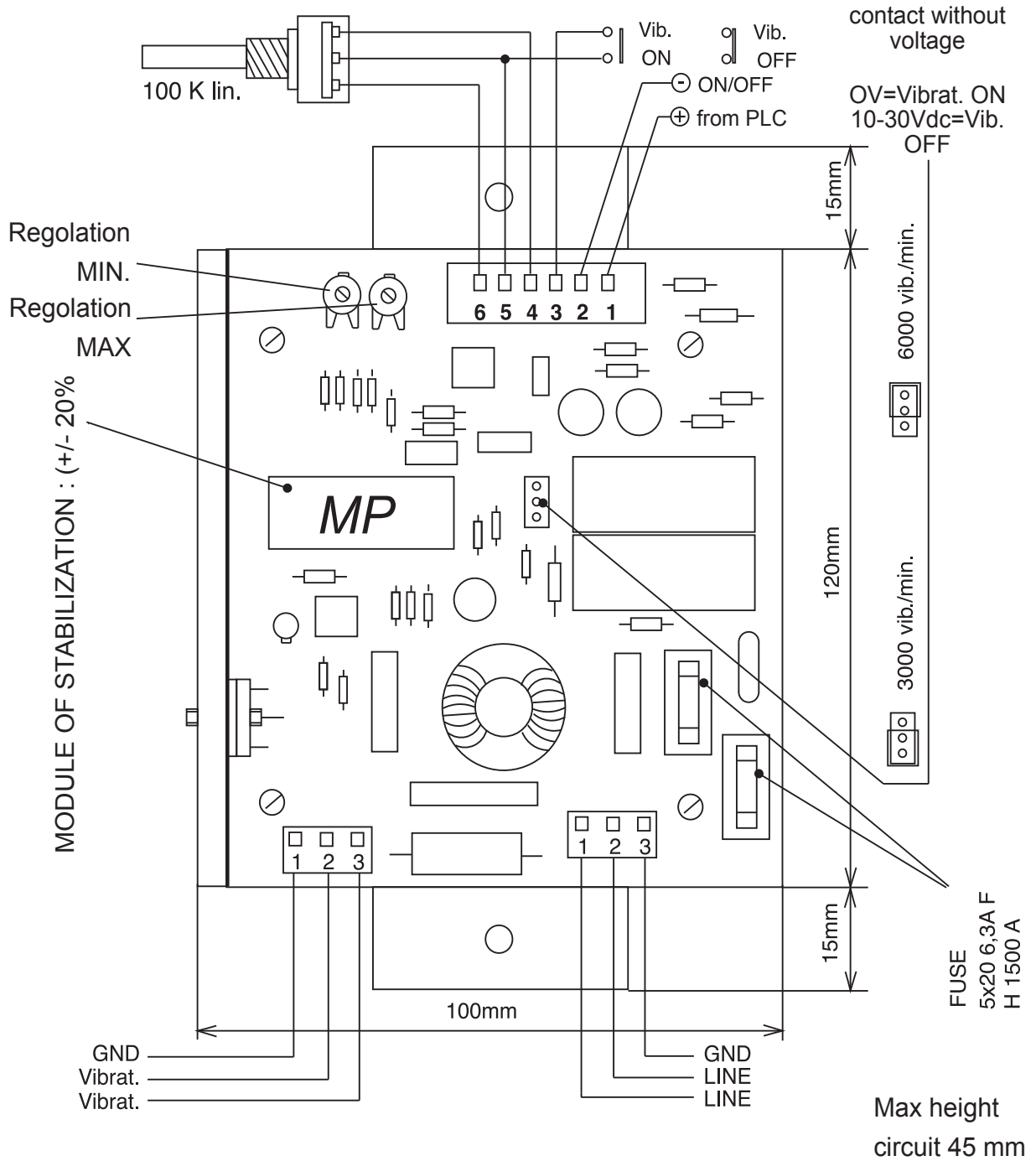


**CIRCUIT**  
PV VBS06 A2 STD

### 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



SMART

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

if You are used only the electronic circuit (IP00) insert it and in a container that could guarantee an excellent safety degree respecting the Normative European in force and isolate the terminals of the potentiometer with the little rubbers in endowment. Each responsibility from a wrong use of the electronic circuit is declined. Scketch and characteristics tecniques subject to modification without warning.



Description: CONTROL CIRCUIT VBS06

CODE	REV	DATE	DRAFTSMAN	SHEET
DTVBS06	00	12/97	E. PEDRAZZI	1/1