Electronic Controller for Electromagnetic Vibrator

# CV99

6/8A | 115V 230V | 0/10V 0/20mA

## General

Stabilized professional controller, compact, economic, current till to 6/8A rms in metallic box, only circuit or circuit with support DIN35 with external potentiometer.

## General Characteristics

Voltage 230V, 50/60 Hz • 3000/6000 Vib/min • Double automatic input 0/10V-0/20mA • Multiple ON/OFF input• Slow/Fast ramp • Reg. vibration min/max Manual/Automatic • Line input with schuko plug • Vibrator output with connector.

## Applications

Regulation of linear and circular vibrators till 8A with automatic input (PLC) Drive linear - Bowl feeder - Hopper.

## Options

Box IP65 (NEMA 4/4X) • INOX Box • Personalized label • Double speed • Connector for vibrator.

## Technical Specs

| | |
|---|---|
| *Tension of Feeding:* | 230 V or 400 V ± 20% – 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:* | 0,1 sec. / 1 sec. (modifiable) |
| *Regulation Min.:* | 80 V ± 30% (230V) 140 V ± 30% (400V) |
| *Regulation max:* | 220 V - 30% (230V) 380 V - 30% (400V) |
| *On/Off:* | free voltage contact/signal voltage 0/24Vcc |
| *Input Consumption Autom. 0/10V:* | 1mA max |
| *Input Impedance 0/10V-/0/20mA:* | 50 Komh-50 omh |
| *Degree of Protection:* | IP55 in box (IP65-NEMA4-4X) |
| *Temperature of Storage:* | –10°C / +80°C |
| *Temperature of Operation:* | –5°C / +55°C |
| *European Norms:* | EMC CE |
| *Guarantee:* | 1 year (from date on circuit) |



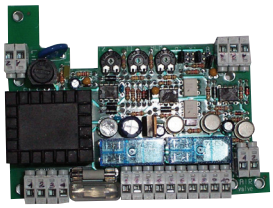
**METALLIC BOX**
PV CV99X Z2 SM1
200x100x80



**PLASTIC BOX**
PV CV99X A2 STD



**CIRCUIT DIN35**
PV CV99X D2 STD



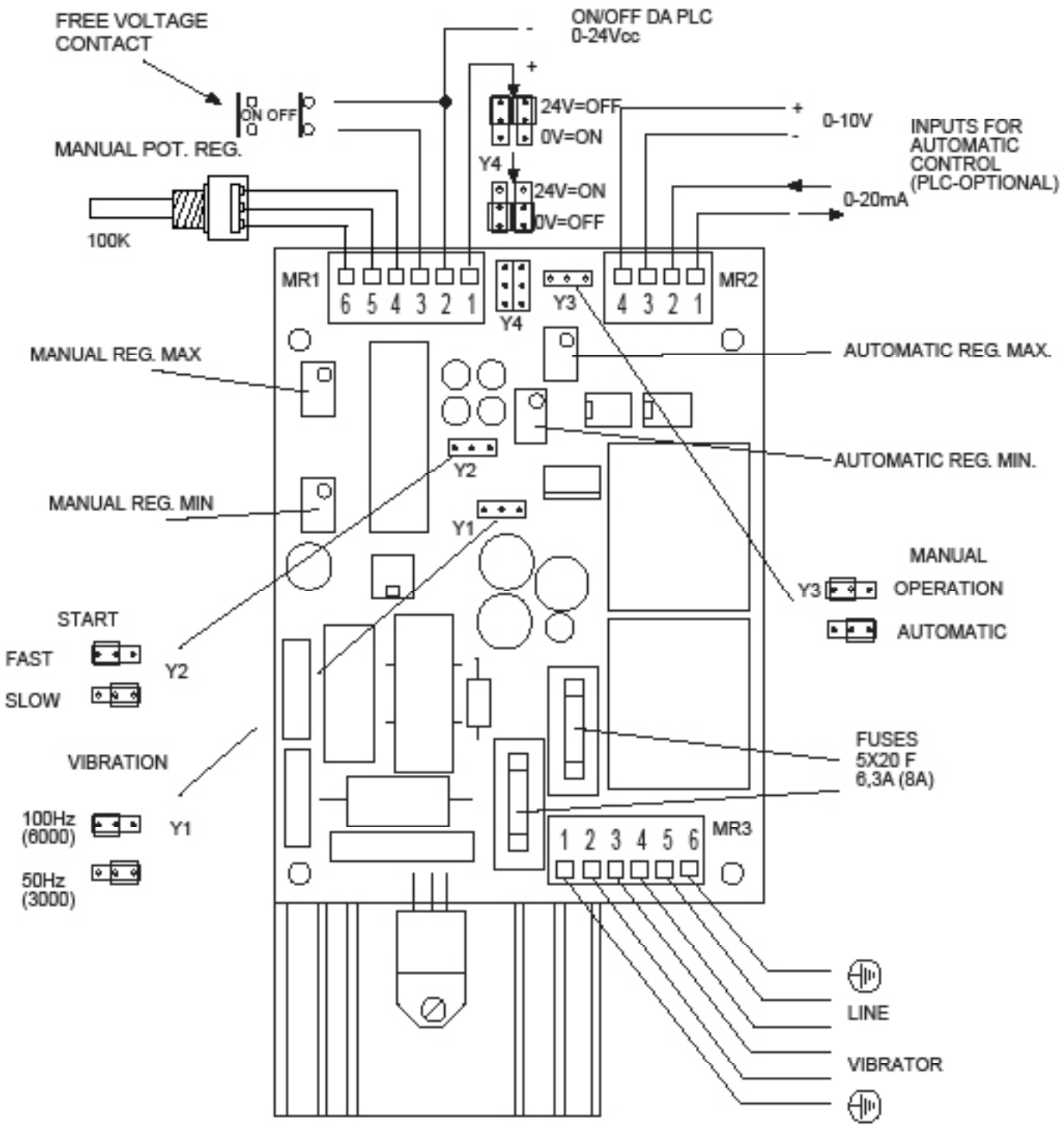
**CIRCUIT PRX99**
PV PRX99 A2 STD

## Available Versions

| Type | Box | Colour | Dimensions | Code | Price € |
|---|---|---|---|---|---|
| **CV99** | Aluminum | RAL 7035 | 200 x 100 x 80 | PV CV99X Z2 SM1 | |
| **CV99** | Circuit | | 150 x 85 x 40 | PV CV99X A2 STD | |
| **CV99/DIN35** | Circuit DIN35 | | 150 x 85 x 40 | PV CV99X D2 STD | |

IMPORTANT NOTE:

If using only the open-frame board (IP00), install and wire it in an enclosure that ensures a high level of safety in compliance with current European regulations, and insulate the potentiometer terminals with the supplied rubber caps. No responsibility is assumed for improper use of the open-frame board.




DRAWINGS AND TECHNICAL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE

| | | | | | |
|---|---|---|---|---|---|
| MP ELETTRONICA | Description: STABILIZED CIRCUIT CV99 | | | | |
| | CODE | REV | DATE | DESIGNED | SHEET |
| | DTCV99 | 00 | 12/99 | E. PEDRAZZI | 1/1 |

SMART