

Electronic Controller for Electromagnetic Vibrator

## ▶ CV6F-CV8F-CV10F-CV12F

Amp 6/8/10/12	230V 400V	0/10V 0/20mA
------------------	--------------	-----------------

### General

Stabilized professional controller, compact, economic, current till to **6,3A** (CV6F) RMS, **8A** RMS(CV8F), **10A** RMS(CV10F), **12A** RMS(CV12F) in metallic or plastic box, only circuit or circuit with support DIN35 with external potentiometer.

### General Characteristics

Voltage (110V) 230V or 400V, 50/60 Hz • 3000/6000 Vib/Min • 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 **6,3/8/10/12** Amps with automatic input (PLC).

### Options

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

### Electrical Characteristis

<i>Tension of Feeding:</i>	(115) 230 V or 400V ± 20% – 50/60 Hz
<i>Consumption:</i>	1,5 W max
<i>Current Max:</i>	6,3/8/10/12A (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>	0,1 sec. / 1 sec. (modifiable)
<i>Regulation Min.:</i>	80 V ± 30% (230V) 140 V ± 30% (400V)
<i>Regulation max:</i>	220 V - 30% (230V) 380 V - 30% (400V)
<i>On/Off:</i>	free voltage contact/voltage signal 0/24Vcc
<i>Input Consumption Autom. 0/10V:</i>	1mA max
<i>Input Impedance 0-10V/0-20mA:</i>	50 Komh-50 omh
<i>Degree of Protection:</i>	IP55 in box (IP65-NEMA4-4X)
<i>Temperature of Storage:</i>	-10°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 CV6F**  
PV CV6FX Z2 STM  
165x140x65



**METALLIC BOX CV6F/CV8F**  
PV CV8FX Z2 SM1  
PV CV10F Z2 SM1  
PV CV12F Z2 SM1  
195x130x90



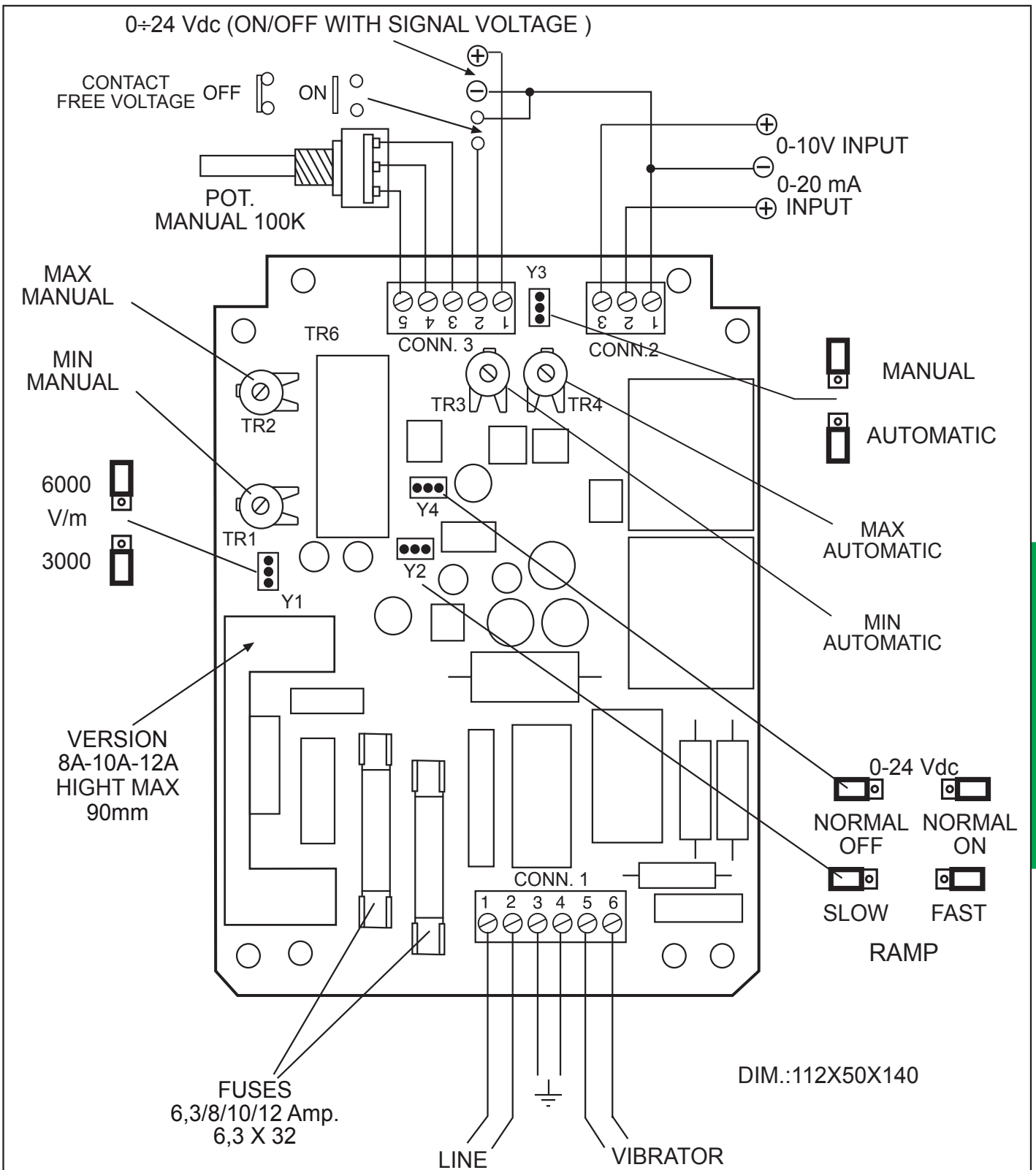
**PLASTIC BOX CV6/F**  
PV CV6FX Z2 STP  
165x130x70



**CIRCUIT CV6F/CV8F**  
PV CV6FX D2 STD

### Available Versions

Type	Box	Colour	Dimensions	Code
CV6F	Fire-retardant plastic	RAL7040	165 x 130 x 70	PV CV6FX Z2 STP
CV6F	Aluminum	GREY RAL7040	165 x 140 x 65	PV CV6FX Z2 STM
CV8F	Metallic Box	GREY	240 x 130 x 110	PV CV6FX Z2 STD
CV6F-CV8F	Circuit		145 x 115 x 45	PV CV6(8)FX A2 STD
CV6F-CV8F/DIN35	Circuit		145 x 140 x 55	PV CV6(8)FX D2 STD
CV6F-CV8F	Aluminum	RAL7040	195 x 130 x 90	PV CV6(8)FX Z2 SM1



INDUSTRIAL

DIMENSIONS AND MEASURE BORING

<p>Circuit for DIN 35 Max Height = 55 mm DIM. Circuit= 140 x 145 mm</p>	<p>Circuit with base plate and cover Max Height = 60 mm DIM. Circuit= 115 x 145 mm Measure boring = 99 x 129 mm</p>	<p>Only Circuit Max Height = 45 mm DIM. Circuit= 145 x 112 mm Measure boring = 66,5 x 129 mm</p>
---	---	--



Description: CIRCUIT CV6/F-CV8/F-CV10F/-CV12/F

CODE	REV	DATE	DRAFTSMAN	SHEET
DT CV6F-CV8F	00	06/04	E. PEDRAZZI	1/1