



Electronic Controller for Electromagnetic Vibrator

▶ **CV12F-CV15F** **12A/15A** **230V 400V** **0/10V 0/20mA**

General

Stabilized professional controller, economic, current till to **12A-15A** rms in metallic box, only circuit 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 Man/Automatic • Relay alarm ON vibrator.

Applications

Regulation of linear and big circular vibrators till **12A - 15A** Amps with automatic input (PLC).

Options

Box IP65 (NEMA 4/4X) • INOX Box • Personalized label • Voltage till 500V • Double speed • Double output • Module for 2 or more vibrators.

Electrical Characteristis

<i>Tension of Feeding:</i>	230 V or 400V ± 20% – 50/60 Hz
<i>Consumption :</i>	3,5 W max
<i>Fuses CV12-CV15:</i>	double 12A/15A F 660V 10x38 H 100000A
<i>Load Min:</i>	50 mA (RMS)
<i>Potentiometr of reg.:</i>	100K ohm linear
<i>Frequency of Vibration:</i>	3.000/6.000 V/min (50 Hz) RC-AC
<i>Time of ramp:</i>	0,1 sec. / 2 sec. (modifiable)
<i>Regulation Min.:</i>	80 V ± 30% (230V) 140 V ± 30% (400V)
<i>Regulation max:</i>	200 V - 30% (230V) 380 V - 30% (400V)
<i>Consumption Input Autom. 0/10V:</i>	1mA max
<i>Impedance Input 0-10V/0-20mA:</i>	50 Komh-50 omh
<i>ON/OFF:</i>	free voltage contact /0-24Vcc
<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>Guarantee:</i>	1 year (from date on circuit)



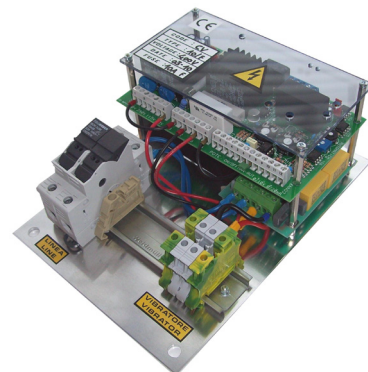
METALLIC BOX
PV CV12F Z4 STD
PV CV15F Z4 STD
250x200x130



METALLIC BOX CV12F
PV CV12F Z2 SM1
195x130x90



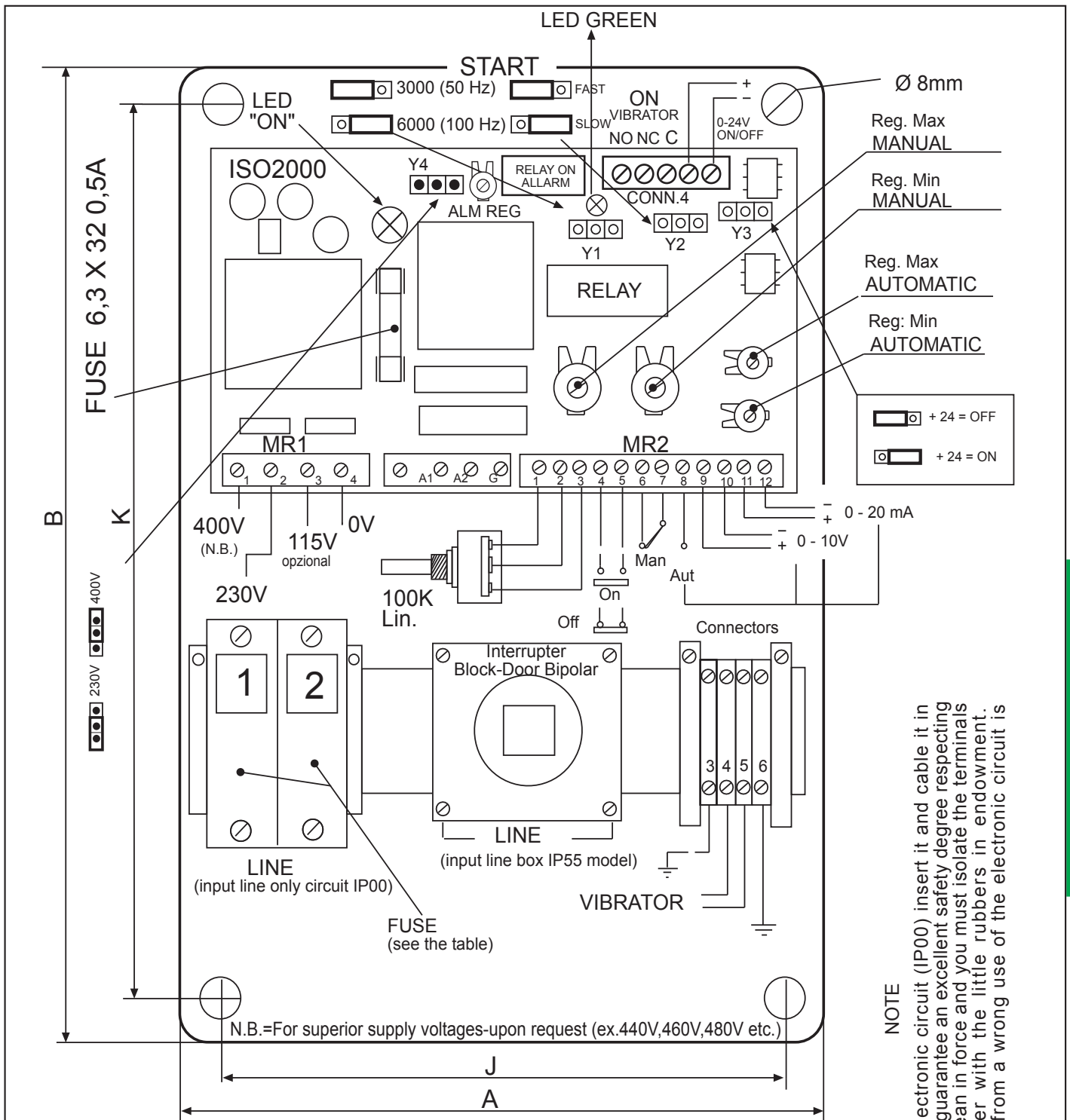
BOX CV12F/CV15F
PV CV12F Z4 SM1
PV CV15F Z4 SM1
265X130X90



CIRCUIT CV10F
PV CV12F A4 STD
PV CV15F A4 STD

Available Versions

Type	Box	Colour	Dimensions	Code	Price €
CV12F-CV15F	Circuit		230 x 170 x 100	PV CV12F A4 STD	
CV12F-CV15F	Metallic Box	GREY	250 x 200 x 130	PV CV12F Z4 STD	
CV12F-CV15F	Circuit (until 500V)		230 x 170 x 100	PV CV12F A5 STD	
CV12F-CV15F	Metallic Box (500V)	GREY	250 x 200 x 130	PV CV12F Z5 STD	
CV12F-CV15F	Circuit Doubles exit		230 x 170 x 100	PV CV12S A5 S2U	
CV12F-CV15F	Circuit Doubles speed		230 x 170 x 100	PV CV12S A5 S2V	



NOTE

If You use only the electronic circuit (IP00) insert it and cable it in a container that could guarantee an excellent safety degree respecting the Normative European in force and you must isolate the terminals of the potentiometer with the little rubbers in endowment. Each responsibility from a wrong use of the electronic circuit is declined.

INDUSTRIAL

Measure (mm) circuits from CV10 to CV100 (IP00)							
Circuit IP00 (*)	Dimension			Boring measure		Dim. Connectors	Fuse Dim./Ampere
	A	B	h	J	K		
CV 12/F	170	230	100	145	205	4 mmq	10,3x38 12A
CV 20/F	170	320	100	145	295	10 mmq	10,3x38 20A
CV 40/F	243	320	100	219	295	16 mmq	14x51 40A
CV 70/F	280	380	130	255	355	25 mmq	22x58 70A
CV100/F	280	380	130	255	355	25 mmq	22x58 100A

SKETCH AND CHARACTERISTICS TECHNIQUES SUBJECT TO MODIFICATIONS WITHOUT WARNING.

	Description: STABILIZED ELECTRONIC CIRCUIT CVXY/F(*) HIGH STABILIZED				
	CODE	REV	DATE	DRAFTSMAN	SHEET
	DTCVXY	03	10/10/01	E. PEDRAZZI	1/1