

Electronic Controller for Electromagnetic Vibratory Feeders



General

Stabilized and professional controller. This controller is available in the following version: only circuit with potentiometer or metallic box.

General Characteristics

Voltage 115V/230V or 400V, 50/60 Hz • 3000/6000 vpm (**50/100 Hz**) • Automatic input 0/10V-4/20mA • Multiple ON/OFF input • Slow/fast ramp • Reg. vibration min/max Man/Automatic • Relay alarm ON vibrator.

Applications

Regulation of linear and big bowl feeder till **12 Amps** with automatic input (PLC).

Options

Box IP65 (NEMA 4/4X) • INOX Box • Customized label • Voltage till 500V • Double speed • Double output • Module for 2 or more vibrators • **OUTPUT 25 Hz - 33 Hz.**

Electrical Characteristics

Feeding Tension:	115/230 V $\pm$ 10% – 50/60 Hz
Consumption:	1,5 W max
Max Current:	12A (RMS)
Min Load:	50 mA (RMS)
Vibration Frequency:	3000/6000 v/min. (50 Hz) RC-AC
Ramp Time:	0,2 sec. / 2 sec. (adjustable)
Min Regulation:	80 V $\pm$ 30%
Max Regulation:	220 V - 30%
On/Off:	free voltage contact
Protection Degree:	IP55 in box (IP65-NEMA4-4X)
Storage Temperature:	-25°C / +80°C
Operation Temperature:	-15°C / +55°C
European Norms:	EMC CE
Warranty:	1 year (from date on circuit)
Temperature of Operation:	-5°C / +55°C
Guarantee:	1 year (from date on circuit)

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	

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



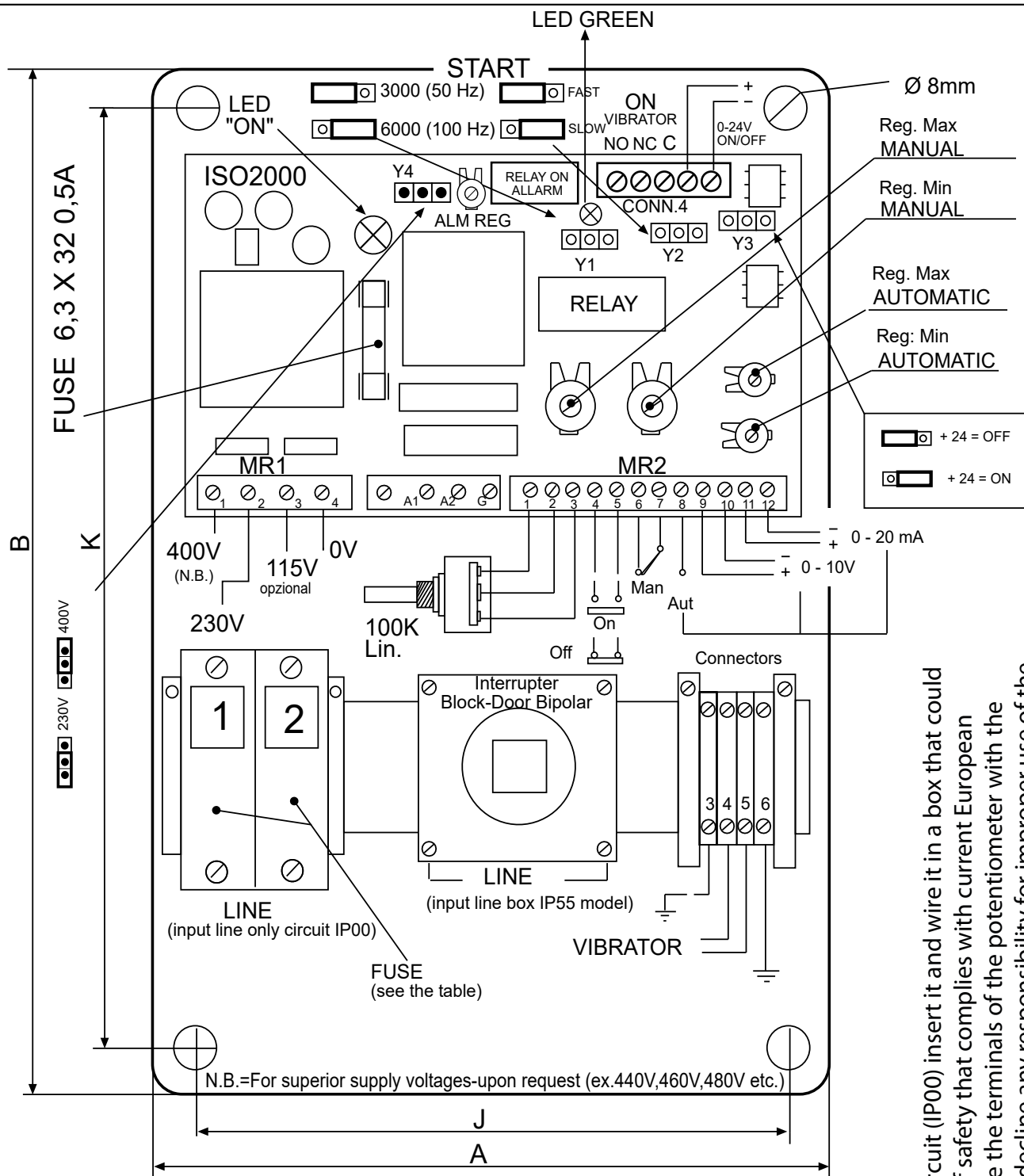
METALLIC BOX CV12F
PV CV12F Z2 SM1
195x130x90



BOX CV12F/CV15F
PV CV12F Z4 SM1
PV CV15F Z4 SM1
265x130x90



CIRCUIT CV10F
PV CV12F A4 STD
PV CV15F A4 STD



NOTE: If you are using the circuit (IP00) insert it and wire it in a box that could guarantee a degree of safety that complies with current European regulations and isolate the terminals of the potentiometer with the rubbers supplied. We decline any responsibility for improper use of the circuit

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 25/F	170	320	100	145	295	10 mmq	10,3x38 25A
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 TECHNICAL SPECS ARE SUBJECTED TO MODIFICATION WITHOUT NOTICE



Descriptrion: STABILIZED ELECTRONIC CIRCUIT CVXY/F(*)
HIGH STABILIZED

CODE

REV

DATE

DRAFTSMAN

SHEET

DTCVXY

03

10/10/01

E. PEDRAZZI

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