

Electronic Controller for Electromagnetic Vibrator

▶ **CV40F** **40A** **230V 400V** **0/10V 0/20mA**

General

Stabilized professional controller, economic, current till to **40A** rms in metallic box, only circuit with external potentiometer.

General Characteristics

Voltage (110V) 230V or 400V, 50/60 Hz • 3000/6000 Vib/Min (**50/100 Hz**) • 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 small vibrators circular till **40A** 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 • **OUTPUT 25 Hz.**

Electrical Characteristis

<i>Tension of Feeding:</i>	230 V or 400V ± 20% – 50/60 Hz
<i>Consumption :</i>	3,5 W max
<i>Fuses CV40:</i>	double 40A 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 CV40F Z4 STD
350x270x140



CIRCUIT
PV CV40F A4 STD



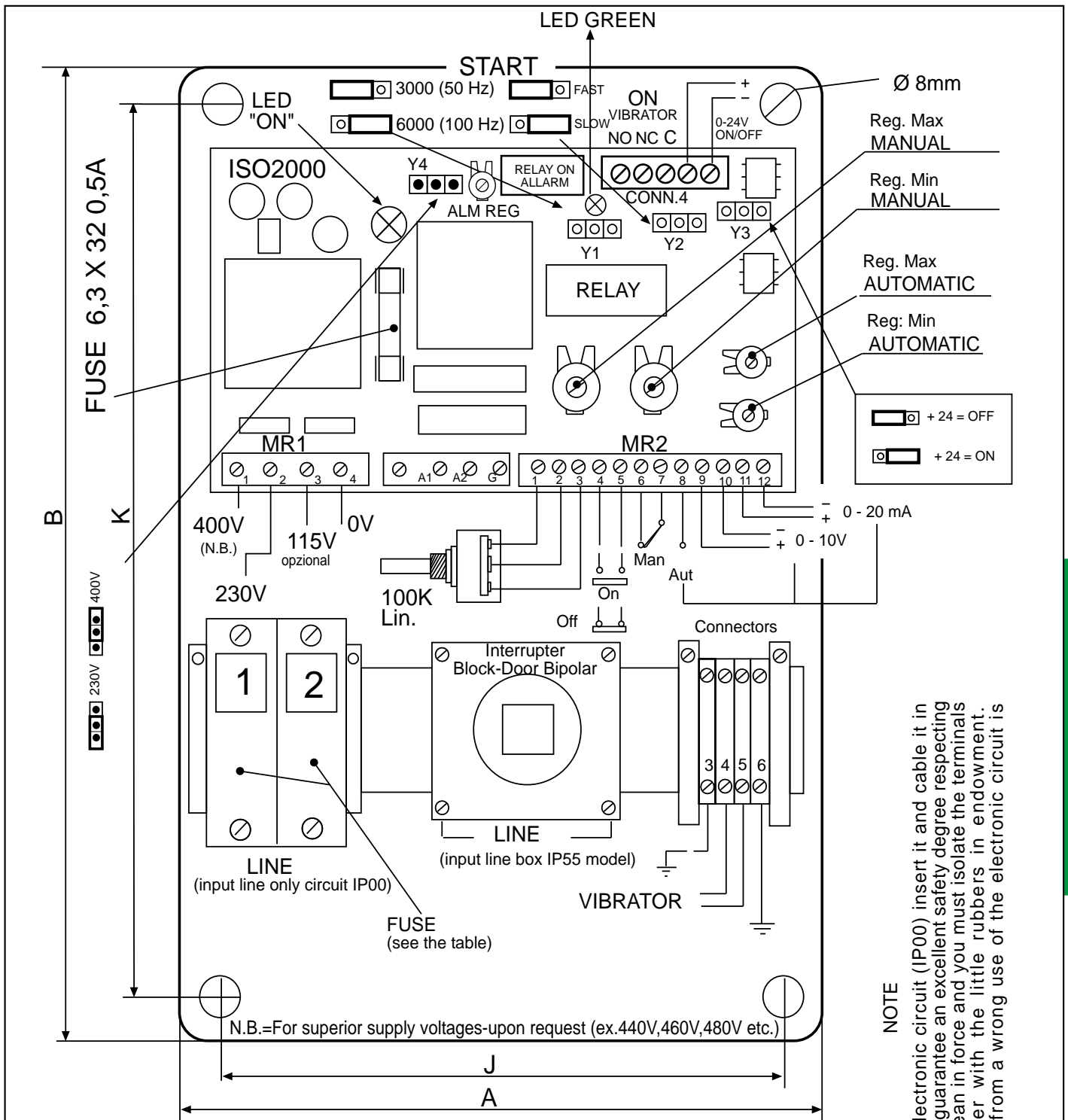
MODULE DOUBLE OUTPUT
PV MOD2U AX EXT



MODULE DOUBLE OUTPUT
PV MOD2U AX STD

Available Versions

Type	Box	Colour	Dimensions	Code	Price €
CV40F	Circuit		320 x 170 x 100	PV CV40F A4 STD	
CV40F	Metallic Box	GREY	350 x 200 x 140	PV CV40F Z4 STD	
CV40F	Circuit (until 500V)		320 x 170 x 100	PV CV40F A5 STD	
CV40F	Metallic Box (500V)	GREY	350 x 200 x 140	PV CV40F Z5 STD	
CV40F	Circuit doubles exit		320 x 270 x 100	PV CV40F A5 S2U	
CV40F	Circuit doubles speed		320 x 170 x 100	PV CV40F A5 S2V	



Measure (mm) circuits from CV10 to CV100 (IP00)

Circuit IP00 (*)	Dimension			Boring measure		Dim. Connectors	Fuse	
	A	B	h	J	K		Dim./Ampere	
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 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