

Electronic Controller for Electromagnetic Vibrator

▶ CV12FS-CV15FS 12/15A 230V
400V 0/10V
4/20mA

General

Stabilized professional controller with amplitude sensor sind1/sind2, current till to **12A-15A** in metallic or inox 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-4/20mA • Multiple ON/OFF input • Slow/fast ramp • Reg. vibration min/max Manual/Automatic • Relay alarm ON vibrator.

Applications

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

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 - 33 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 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/4-20mA:</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>	-25 °C / + 80 °C
<i>Temperature of Operation:</i>	-15°C / +55°C
<i>Guarantee:</i>	1 year (from date on circuit)



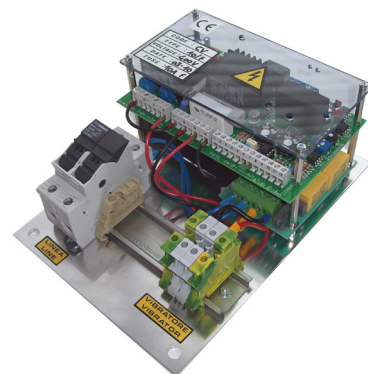
METALLIC BOX
PV CV12F Z4 SSD
PV CV15F Z4 SSD
250X200X130



METALLIC BOX
PV CV12F Z2 SS1
195x130x90

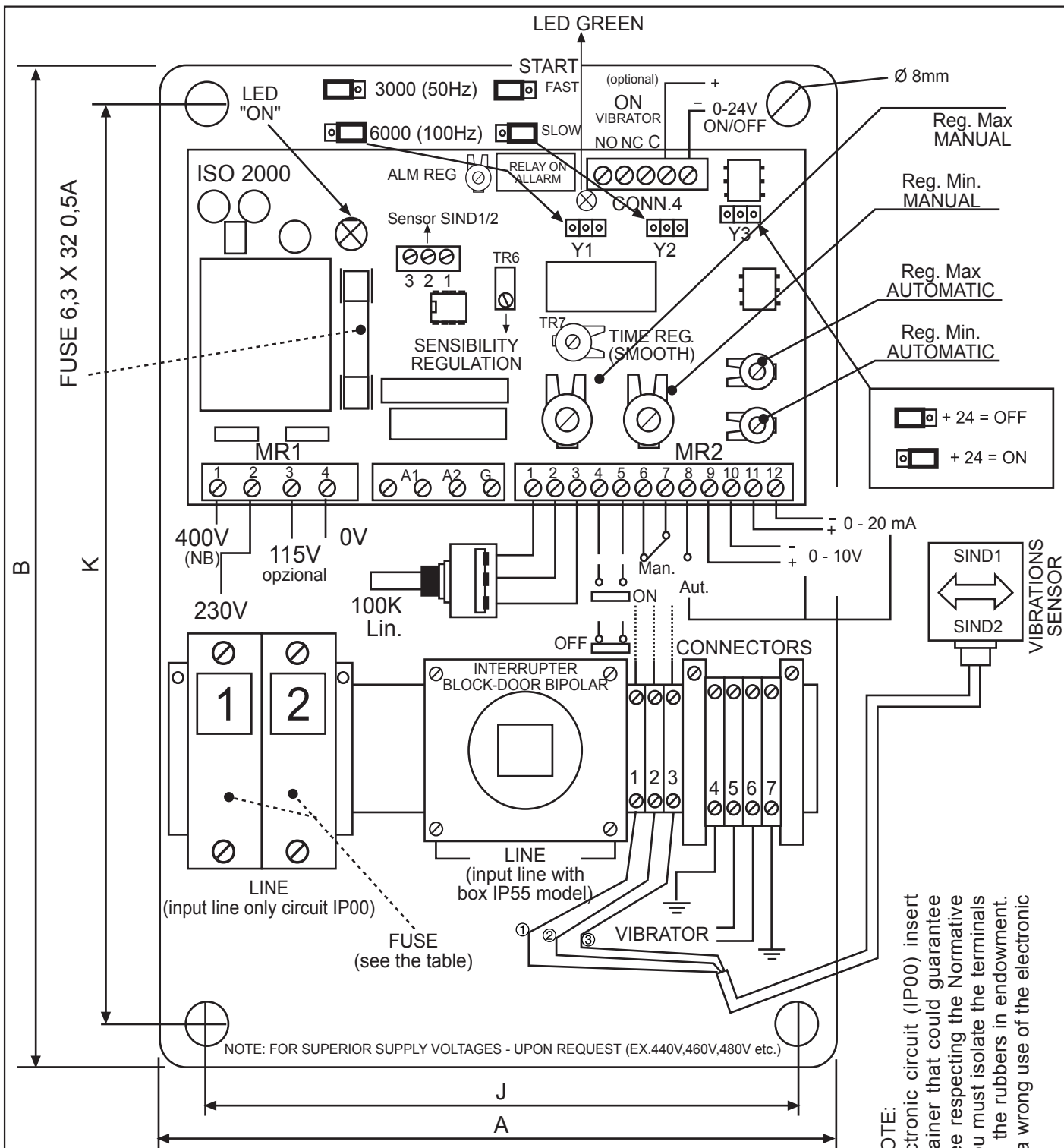


BOX CV12F/CV15F
PV CV12F Z4 SS1
PV CV15F Z4 SS1
265X130X90



Available Versions


Type	Box	Colour	Dimensions	Code	Price €
CV12FS-CV15FS	Circuit		230 x 170 x 100	PV CV12F A4 SSD	
CV12FS-CV15FS	Metallic Box	GREY	250 x 200 x 130	PV CV12F Z4 SSD	
CV12FS-CV15FS	Circuit (until 500V)		230 x 170 x 100	PV CV12F A5 SSD	
CV12FS-CV15FS	Metallic Box (500V)	GREY	250 x 200 x 130	PV CV12F Z5 SSD	
CV12FS-CV15FS	Box doubles exit	GREY	230 x 170 x 100	PV CV12S Z5 S2U	
CV12FS-CV15FS	Box doubles speed	GREY	230 x 170 x 100	PV CV12S Z5 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 potenziometer with the rubbers in endowment. Each responsibility from a wrong use of the electronic circuit is declined.

MEASURE (mm) CIRCUITS FROM CV 10 TO CV 100 (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	10,3 x 38	12 A
CV 25/F	170	320	100	145	295	10 mmq	10,3 x 38	25 A
CV 40/F	243	320	100	219	295	16 mmq	14 x 51	40 A
CV 70/F	280	380	130	255	355	25 mmq	22 x 58	70 A
CV 100/F	280	380	130	255	355	25 mmq	22 x 58	100 A

SKETCH AND CHARACTERISTICS TECHNIQUES SUBJECT TO MODIFICATIONS WITHOUT WARNING.

	Description: CONTROL CIRCUIT CVXYS HIGH STABILIZED (WITH AMPLITUDE SENSOR)				
	CODE	REV	DATE	DRAFTSMAN	SHEET
	DTCVXYS	01	04/09	E. PEDRAZZI	1/1