

Electronic Controller for Electromagnetic Vibrator

▶ CV20FS-CV25FS **20A/25A** **230V
400V** **0/10V
4/20mA**

General

Stabilized professional controller with amplitude sensor SIND1/SIND2, current till to **20A-25A** 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 big circular vibrators till **20A-25A** Amps with automatic input (PLC) with stabilized amplitude.

Options

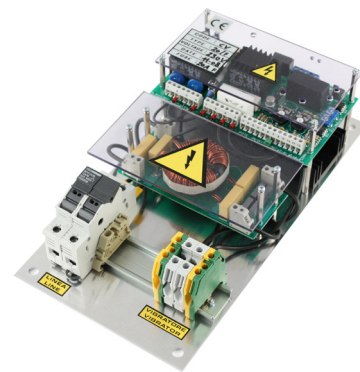
Box IP65 (NEMA 4/4X) • INOX Box • Personalized label • Voltage till 600V • Double speed • Double output • Module for 2 or more vibrators • **OUTPUT 25 Hz.**

Electrical Characteristics

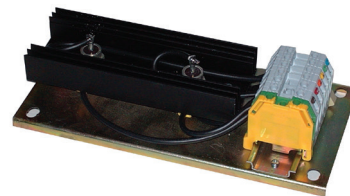
<i>Tension of Feeding:</i>	230 V or 400V ± 20% – 50/60 Hz
<i>Consumption :</i>	3,5 W max
<i>Fuses CV20-CV25:</i>	double 20A F 660V 10x38 H 100000A
<i>Load Min:</i>	50 mA (RMS)
<i>Potentiometr of reg.:</i>	100K ohm linear
<i>Frequency of Vibration:</i>	3.000/6.000 V/min (50 Hz) RC-AC
<i>Time of ramp:</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>	fre 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 CV20F Z4 SSD
PV CV24F Z4 SSD
250x200x130



CIRCUIT
PV CV20F A4 SSD
PV CV24F A4 SSD



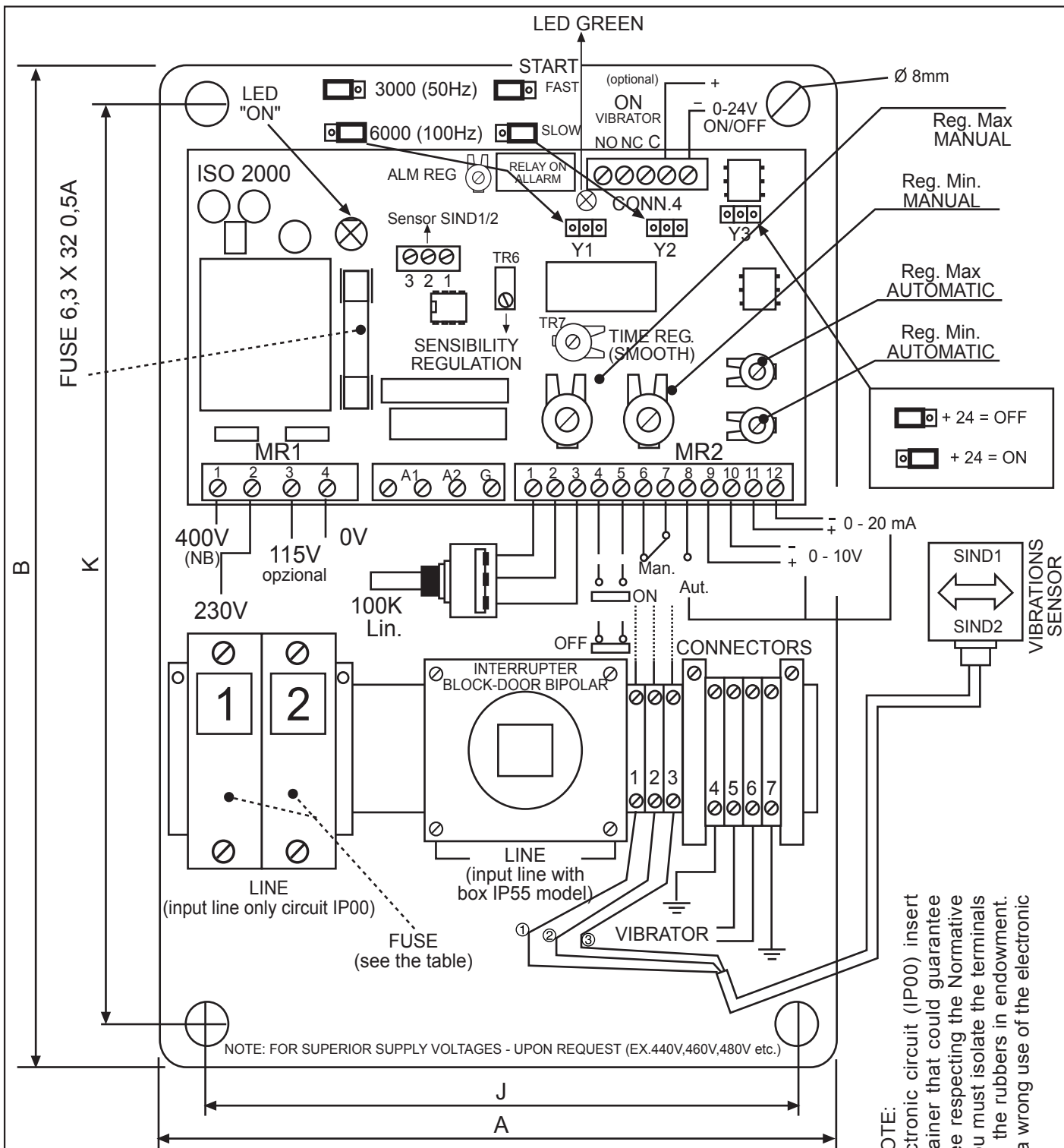
MODULE DOUBLE OUTPUT
PV MOD2U AX EXT



SENSOR SIND2
PV SIND2 ZX STD

Available Versions


Type	Box	Colour	Dimensions	Code	Price €
CV20FS-CV25FS	Circuit		320 x 170 x 100	PV CV20F A4 SSD	
CV20FS-CV25FS	Metallic Box	GREY	265 x 235 x 130	PV CV20F Z4 SSD	
CV20FS-CV25FS	Circuit (until 500V)		320 x 170 x 100	PV CV20F A5 SSD	
CV20FS-CV25FS	Metallic Box (500V)	GREY	265 x 235 x 130	PV CV20F Z5 SSD	
CV20FS-CV25FS	Circuit Doubles exit		320 x 170 x 100	PV CV20F A5 S2U	
CV20FS-CV25FS	Circuit Doubles speed		320 x 170 x 100	PV CV20F 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 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