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

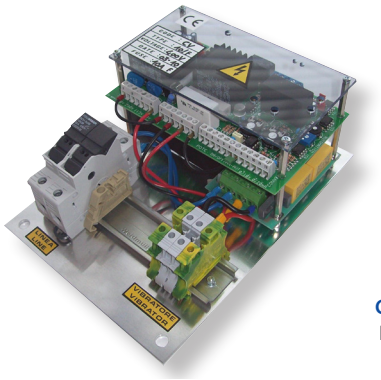
Box IP65 (NEMA 4/4X) • INOX Box • Personalized label • Voltage till 500V • Double speed • Double output • Module for 2 or more vibrators • **IP20** • **OUTPUT 25 Hz - 33 Hz**.

Technical Specs

Tension of Feeding:	230 V or 400V ± 20% – 50/60 Hz
Consumption :	3,5 W max
Fuses CV12-CV15:	double 12A/15A F 660V 10x38 H 100000A
Load Min:	50 mA (RMS)
Potentiometr of reg.:	100K ohm linear
Frequency of Vibration:	3.000/6.000 V/min (50 Hz) RC-AC
Time of ramp:	0,1 sec. / 2 sec. (modifiable)
Regulation Min.:	80 V ± 30% (230V) 140 V ± 30% (400V)
Regulation max:	200 V - 30% (230V) 380 V - 30% (400V)
Consumption Input Autom. 0/10V:	1mA max
Impedance Input 0-10V/4-20mA:	50 Komh-50 omh
ON/OFF:	free voltage contact /0-24Vcc
Degree of Protection:	IP55 in box (IP65-NEMA4-4X)
Temperature of Storage:	-25 °C / + 80 °C
Temperature of Operation:	-15°C / +55°C
Guarantee:	1 year (from date on circuit)



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



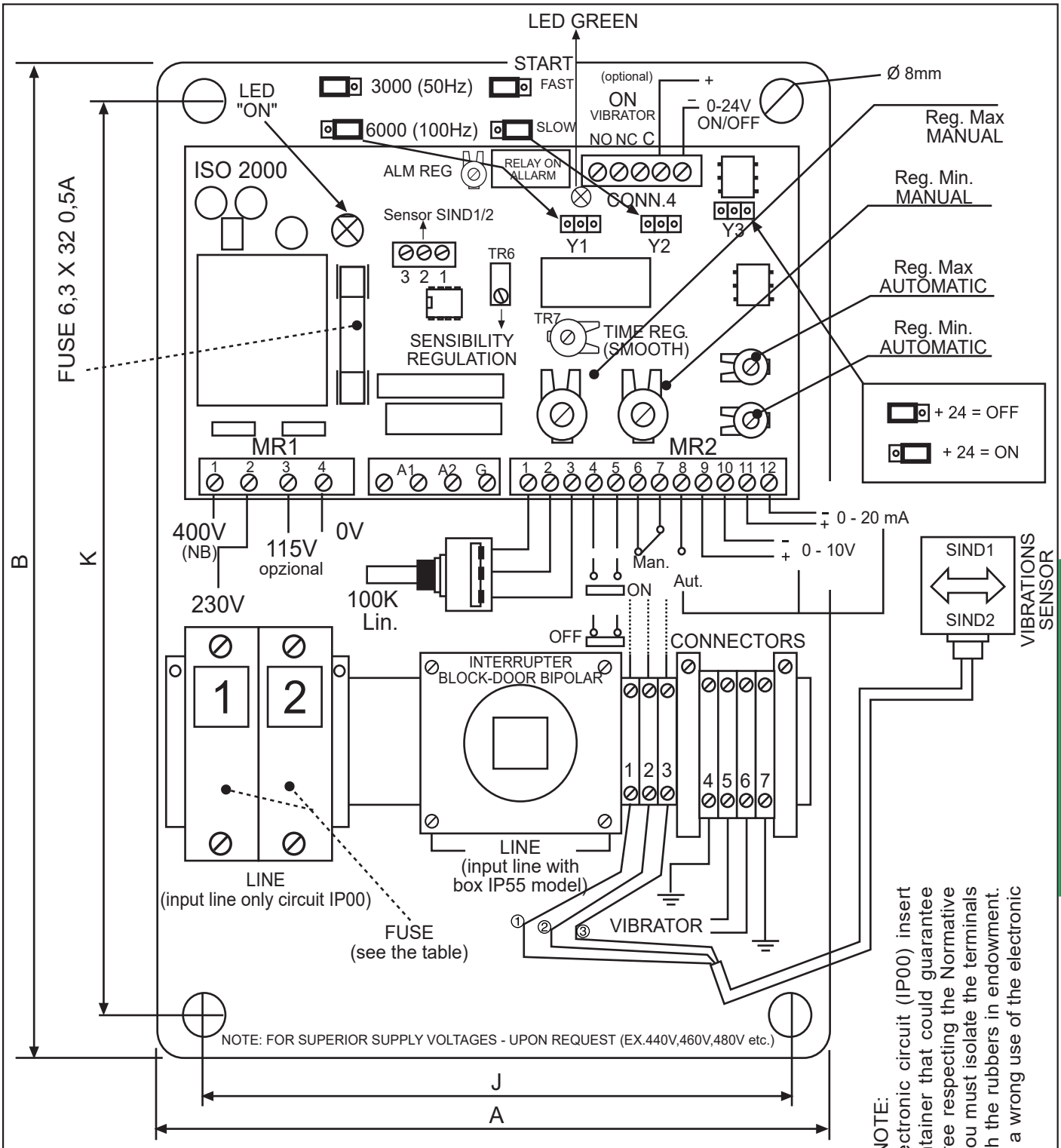
CIRCUIT CV12/FS
PV C12SX Z2 STD
195x130x90



SENSOR SIND2
PV SIND2 ZX STD

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	



INDUSTRIAL

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	ON REQUEST							

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 responsability from a wrong use of the electronic circuit is declined.

SKETCH AND CHARACTERISTICS TECHNIQUES SUBJECT TO MODIFICATIONS WITHOUT WARNING.

MP ELETTRONICA
QUALITY VIBRATION CONTROL

Description: CONTROL CIRCUIT CVXYS HIGH STABILIZED (WITH AMPLITUDE SENSOR)

CODE	REV	DATE	DRAFTSMAN	SHEET
DTCVXYS	01	04/09	E. PEDRAZZI	1/1