Electronic Controller for Electromagnetic Vibrator

CV40FS

40 A | 230V 400V | 0/10V 4/20mA | IP65

General

Stabilized professional controller with amplitude sensor SIND1/SIND2, current till to 40A 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 small circular vibrators till 40A 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**.

Technical Specs

Tension of Feeding:	230 V or 400V ± 20% – 50/60 Hz
Consumption :	3,5 W max
Fuses CV40:	double 40A 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 CV40F Z4 SSD
300 x 400 x 150



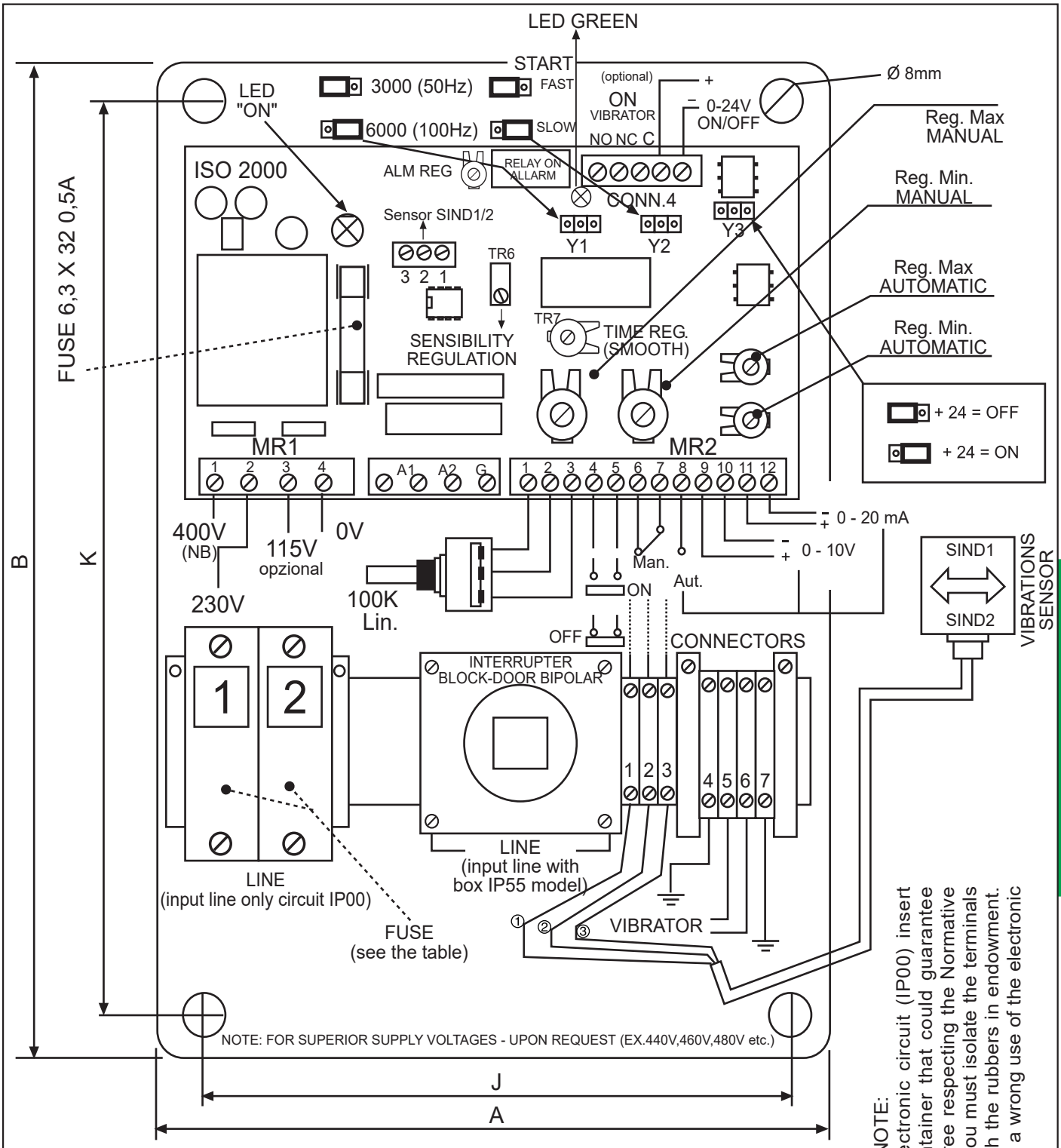
CIRCUIT
PV CV40F A4 SSD



SENSOR SIND2
PV SIND2 ZX STD

Available Versions

Type	Box	Colour	Dimensions	Code	Price €
CV40FS	Circuit		320 x 243 x 100	PV CV40F A4 SSD	
CV40FS	Metallic Box	GREY	300 x 400 x 150	PV CV40F Z4 SSD	
CV40FS	Circuit (until 500V)		320 x 243 x 100	PV CV40F A5 SSD	
CV40FS	Metallic Box (500V)	GREY	300 x 400 x 150	PV CV40F Z5 SSD	
CV40FS	Circuit doubles exit		320 x 243 x 100	PV CV40F A5 S2U	
CV40FS	Circuit doubles speed		320 x 243 x 100	PV CV40F A5 S2V	



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.

INDUSTRIAL

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