Electronic Controller for Electromagnetic Vibrator

CV6S-CV8S

Amp 6/8 | 230V 400V | 0/10V 4/20mA

General

Stabilized Professional Controller, with or without amplitude sensor SIND1/SIND2, compact, fully opto-isolated - current up to 6.3A (CV6F), 8A RMS (CV8F) in metal or plastic casing, circuit only or circuit with DIN35 support with external potentiometer.

General Characteristics

Dual voltage (110V) 230V/400V, 50/60 Hz • 3000/6000 Vib/Min • Dual automatic inputs 0/10V-4/20mA • Triple ON/OFF • Slow/Fast ramp • Min/Max vibration adjustment Manual/Automatic • Status relay • Line input with schuko plug • Vibrator output with connector.

Applications

Regulation of linear vibrators and medium to large circular vibrators up to 6.3/8 Amps with manual or automatic control from PLC, with or without amplitude sensor SIND1/SIND2. For weighing and dosing systems.

Options

IP65 protection grade enclosures • Stainless steel (INOX) • Dual speed Vibrator connector • Use of PRX92, PRX99 circuit for NPN/PNP sensors • **IP20**.

Technical Specs

Tension of Feeding:	230 V or 400V ± 20% – 50/60 Hz
Consumption:	1,5 W max
Current Max:	6,3A/8A/10A (RMS)
Load Min:	50 mA (RMS)
Frequency of Vibration:	3000/6000 V/min (50Hz) RC-AC
Time of Ramp:	0,1 sec. / 1 sec. (modifiable)
Regulation Min.:	80V +/- 30% (230V) 140V +/- 30% (400V)
Regulation max:	200V - 30% (230V) 380V-30% (400V)
On/Off:	free voltage contact-signal voltage 0-24Vcc
Input Consumption Autom. 0/10V:	1mA max
Input Impedance 0-10V/4-20mA:	50 Komh-50 omh
Degree of Protection:	IP55 in box (IP65-NEMA4-4X)
Temperature of Storage:	-25 °C / + 80 °C
Temperature of Operation:	-15°C / +55°C
European Norms:	EMC CE
Guarantee:	1 year (from date on circuit)



METALLIC BOX CV6FS
CV6S
PV CV6SX Z2 STM
165x130x70



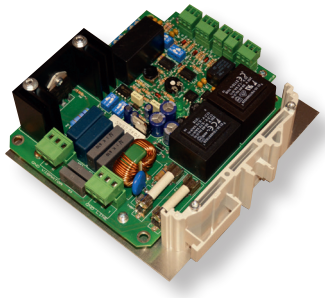
CASSETTA PLASTICA
CV8S
PV CV8SX Z2 STP
200 x 130 x 110



SENSOR SIND2
PV SIND2 ZX STD



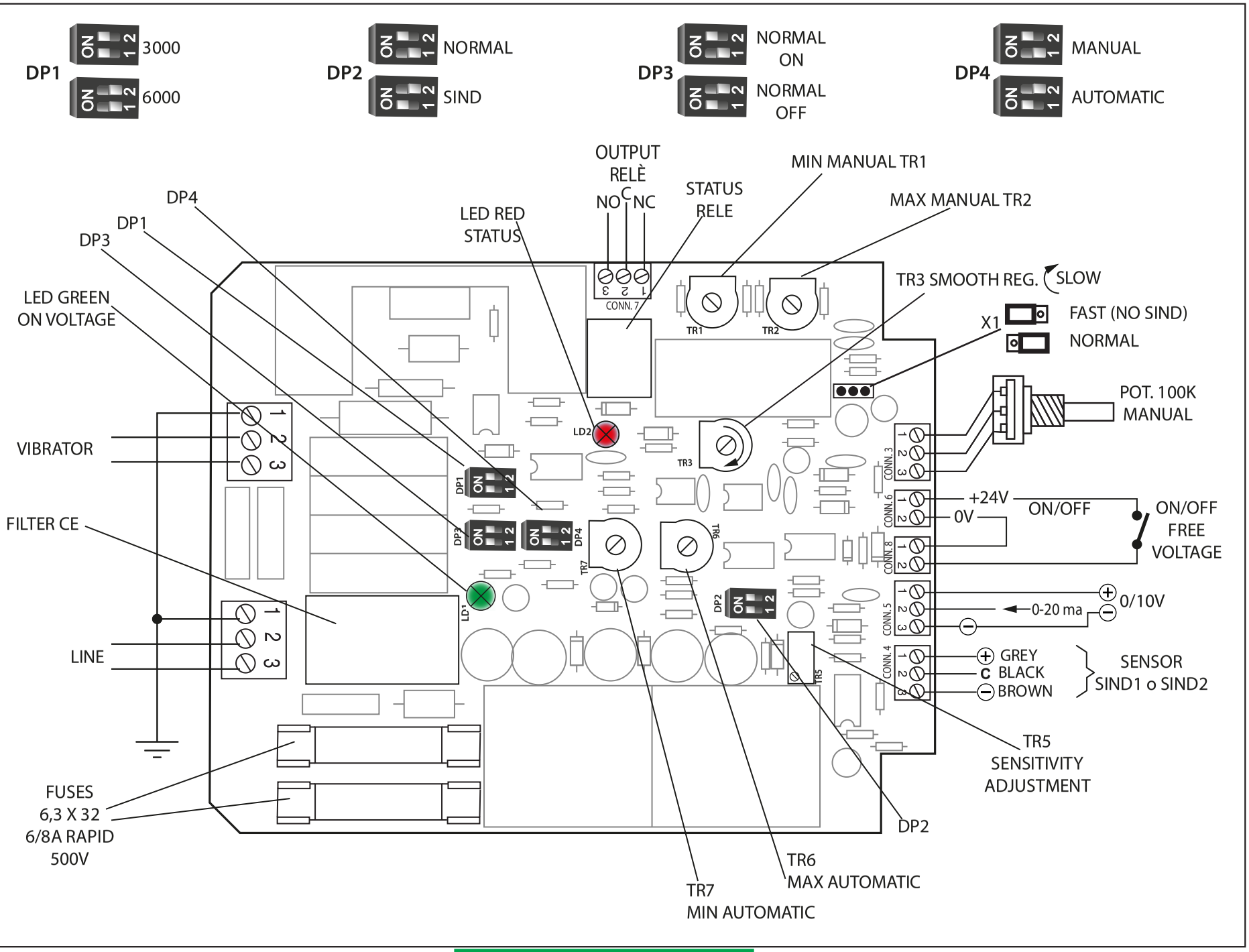
METALLIC BOX
CV6S
PV CV8SX Z2 SM1
195x130x90



CIRCUIT
CV6S
PV CV6SX D2 STD
120x145x7

Available Versions

Type	Box	Colour	Dimensions	Code	Price €
CV6S	Fire-retardant plastic	RAL7040	165 x 130 x 70	PV CV6FS Z2 STP	
CV6S	Aluminum	GREY RAL7040	165 x 140 x 65	PV CV6FS Z2 STM	
CV8S	Metallic Box	GREY	200 x 130 x 110	PV CV6FS Z2 STD	
CV6S-CV8S	Circuit		145 x 115 x 45	PV CV6(8)FS A2 STD	
CV6S-CV8S/DIN35	Circuit		145 x 140 x 55	PV CV6(8)FS D2 STD	
CV6S-CV8S	Circuit		145 x 140 x 55	PV CV6(8)FS A2 SBP	



INDUSTRIAL

Description: CIRCUIT CV6/S-CV8/S 230/400V 50/60 Hz	CODE	REV	DATE	DRAFTSMAN	SHEET
	DTCV6/8S	00	10/16	E. PEDRAZZI	1/1