

Electronic Controller for Electromagnetic Vibrator

▶ CV6FS-CV8FS-CV10FS Amp
6/8/10 230V
400V 0/10V
0/20mA

General

Stabilized professional controller with amplitude sensor SIND1/SIND2, current till to **6,3A** (CV6FS) rms, **8A** rms(CV8FS) , **10A** rms(CV10FS) in metallic or plastic box, only circuit or circuit with support DIN35 with external potentiometer.

General Characteristics

Voltage (110V) 230V or 400V, 50/60 Hz • 3000/6000 Vib/Min • Double automatic input 0/10V-0/20mA • Multiple ON/OFF input • Reg. vibration min/max Man/Automatic • Line input with schuko plug • Vibrator output with connector.

Applications

Regulation of linear and circular vibrators till **6,3/8/10** Amps with automatic input (PLC) with stabilized amplitude by sensor sind1/sind2.

Options

Box IP65 (NEMA 4/4X) • INOX Box • Personalized label • Double speed • Connector for vibrator.

Electrical Characteristis

<i>Tension of Feeding:</i>	230 V or 400V ± 20% – 50/60 Hz
<i>Consumption:</i>	1,5 W max
<i>Current Max:</i>	6,3A/8A/10A (RMS)
<i>Load Min:</i>	50 mA (RMS)
<i>Frequency of Vibration:</i>	3000/6000 V/min (50Hz) RC-AC
<i>Time of Ramp:</i>	0,1 sec. / 2 sec. (modifiable)
<i>Regulation Min.:</i>	80V +/- 30% (230V) 140V +/- 30% (400V)
<i>Regulation max:</i>	200V - 30% (230V) 380V-30% (400V)
<i>On/Off:</i>	free voltage contact-signal voltage 0-24Vcc
<i>Input Consumption Autom. 0/10V:</i>	1mA max
<i>Input Impedance 0-10V/0-20mA:</i>	50 Komh-50 omh
<i>Degree of Protection:</i>	IP55 in box (IP65-NEMA4-4X)
<i>Temperature of Storage:</i>	-10 °C / + 80 °C
<i>Temperature of Operation:</i>	-5°C / +55°C
<i>European Norms:</i>	EMC CE
<i>Guarantee:</i>	1 year (from date on circuit)



METALLIC BOX CV6FS
PV CV6FS Z2 STM
165x140x65



PLASTIC BOX CV8FS
PV CV8FS Z2 SM1
195x130x90



**METALLIC BOX
CV6FS/ CV8FS/CV10FS**
PV CV6FS Z2 STD
PV CV8FS Z2 STD
PV CV10S Z2 STD
195x130x90

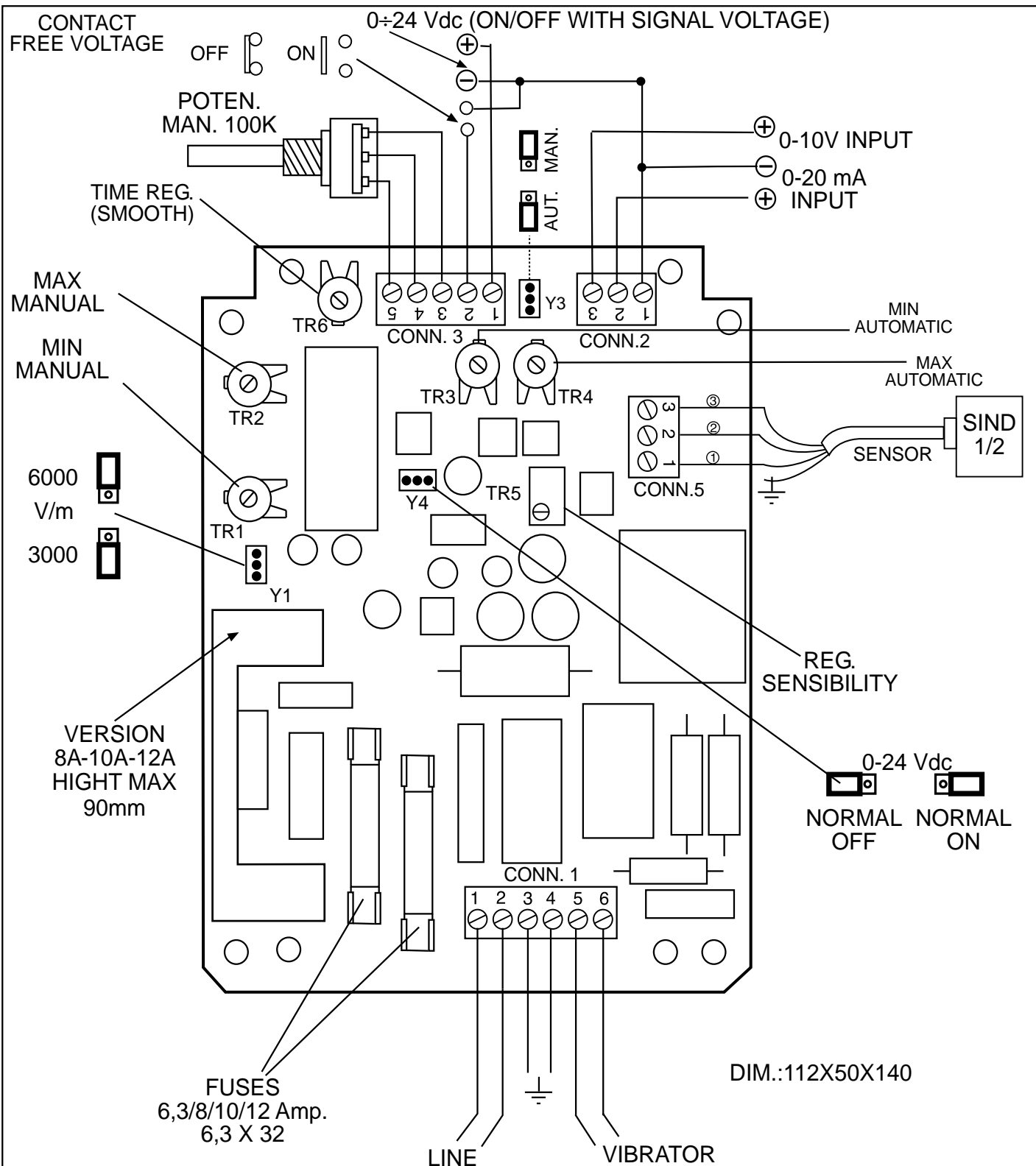


SENSOR SIND2
PV SIND2 ZX STD

**METALLIC BOX
CV6F/ CV8F/CV10F**
PV CV8FX Z2 SM1
PV CV10F Z2 SM1
PV CV12F Z2 SM1
195x130x90

Available Versions

Type	Box	Colour	Dimensions	Code	Price €
CV6FS	Fire-retardant plastic	RAL7040	165 x 130 x 70	PV CV6FS Z2 STP	
CV6FS	Aluminum	GREY RAL7040	165 x 140 x 65	PV CV6FS Z2 STM	
CV8FS	Metallic Box	GREY	240 x 130 x 110	PV CV6FS Z2 STD	
CV6FS-CV8FS	Circuit		145 x 115 x 45	PV CV6(8)FS A2 STD	
CV6FS-CV8FS/DIN35	Circuit		145 x 140 x 55	PV CV6(8)FS D2 STD	
CV6FS-CV8FS	Circuit		145 x 140 x 55	PV CV6(8)FS A2 SBP	



INDUSTRIAL

DIMENSIONS AND MEASURE BORING

<p>Circuit for DIN 35 Max Height = 55 mm DIM. Circuit= 140 x 145 mm</p>	<p>Circuit with base plate and cover Max Height = 60 mm DIM. Circuit= 115 x 145 mm Measure boring = 99 x 129 mm</p>	<p>Only Circuit Max Height = 45 mm DIM. Circuit= 145 x 112 mm Measure boring = 66,5 x 129 mm</p>
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Description: CIRCUIT CV6/FS-CV8/FS-CV10/FS-CV12/FS

CODE	REV	DATE	DRAFTSMAN	SHEET
DT CV6FS-CV8FS	00	06/04	E. PEDRAZZI	1/1