

SMART  
 INDUSTRIAL  
 DIGITAL  
 MCP



**CV6F**

**CV8F**

Electronic Controller for  
 Electromagnetic Vibrator



Stabilized professional controller, compact, economic, current till to 6,3A (CV6F) RMS, 8A RMS(CV8F) in metallic or plastic box, only circuit or circuit with support DIN35 with external potentiometer.



**CV6FS**

**CV8FS**

Electronic Controller for  
 Electromagnetic Vibrator



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

## CV6F

## CV8F

### GENERAL CHARACTERISTICS

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

### APPLICATION

Regulation of linear and circular vibrators till 6,3/8 Amps with automatic input (PLC).

### OPTIONS

Box IP65 (NEMA 4/4X) • INOX Box • Personalized label • Double speed  
• Connector for vibrator • Available with PRX92-PRX99 circuits for NPN-PNP sensor.

### ELECTRICAL CHARACTERISTICS

Tension of Feeding:	(115) 230 V or 400V ± 20% – 50/60 Hz
Consumption:	1,5 W max
Current Max:	6,3/8/10A (RMS)
Load Min:	50 mA (RMS)
Frequency of Vibration:	3.000/6.000 V/min (50 Hz) RC-AC
Time of Ramp:	0,1 sec. / 1 sec. (modifiable)
Regulation Min.:	80 V ± 30% (230V) 140 V ± 30% (400V)
Regulation max:	220 V - 30% (230V) 380 V - 30% (400V)
On/Off:	free voltage contact/voltage signal 0/24Vcc
Input Consumption Autom. 0/10V:	1mA max
Input Impedance 0-10V/0-20mA:	50 Komh-50 omh
Degree of Protection:	IP55 in box (IP65-NEMA4-4X)
Temperature of Storage:	-10°C / +80°C
Temperature of Operation:	-5°C / +55°C
European Norms:	EMC CE
Guarantee:	1 year (from date on circuit)

### AVAILABLE VERSIONS

Code	Box	Dimension
PV CV6FX Z2 STP	Fire-retardant plastic	165 x 130 x 70
PV CV6FX Z2 STM	Aluminum	165 x 140 x 65
PV CV6FX Z2 STD	Metallic Box	240 x 130 x 110
PV CV6(8)FX A2 STD	Circuit	145 x 115 x 45
PV CV6(8)FX D2 STD	Circuit	145 x 140 x 55
PV CV6(8)FX Z2 SM1	Aluminum	195 x 130 x 90

## CV6FS

## CV8FS

### 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.

### APPLICATION

Regulation of linear and circular vibrators till 6,3/8 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 CHARACTERISTICS

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. / 2 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/0-20mA:	50 Komh-50 omh
Degree of Protection:	IP55 in box (IP65-NEMA4-4X)
Temperature of Storage:	-10 °C / + 80 °C
Temperature of Operation:	-5°C / +55°C
European Norms:	EMC CE
Guarantee:	1 year (from date on circuit)

### AVAILABLE VERSIONS

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PV CV6(8)FS A2 SBP	Circuit	145 x 140 x 55