

Electronic Controller for Electromagnetic Vibratory Feeders

▶ CV6F-CV8F Amp
6/8 230V
400V 0/10V
4/20mA

General

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.

General Characteristics

Voltage (115V) 230V or 400V, 50/60 Hz • 3000/6000 vpm • Automatic input 0/10V-4/20mA • Multiple ON/OFF input • Slow/fast ramp • Reg. vibration min/max Manual/Automatic • Line input with schuko plug • Vibrator output with connector.

Applications

Regulation of linear and bowl feeder till **8** Amps with automatic input (PLC).

Options

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

Technical Specs

<i>Feeding Tension:</i>	115/230 V ± 10% – 50/60 Hz
<i>Consumption:</i>	1,5 W max
<i>Max Current:</i>	6/8A (RMS)
<i>Min Load:</i>	50 mA (RMS)
<i>Vibration Frequency:</i>	3000/6000 vpm (50 Hz) RC-AC
<i>Ramp Time:</i>	0,2 sec. / 2 sec. (adjustable)
<i>Min Regulation:</i>	80 V ± 30%
<i>Max Regulation:</i>	220 V - 30%
<i>On/Off:</i>	free voltage contact
<i>Protection Degree:</i>	IP55 in box (IP65-NEMA4-4X)
<i>Storage Temperature:</i>	-25 °C / +80°C
<i>Operation Temperature:</i>	-15°C / +55°C
<i>European Norms:</i>	EMC CE
<i>Warranty:</i>	1 year (from date on circuit)



METALLIC BOX CV6F
PV CV6FX Z2 STM
165x140x65



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



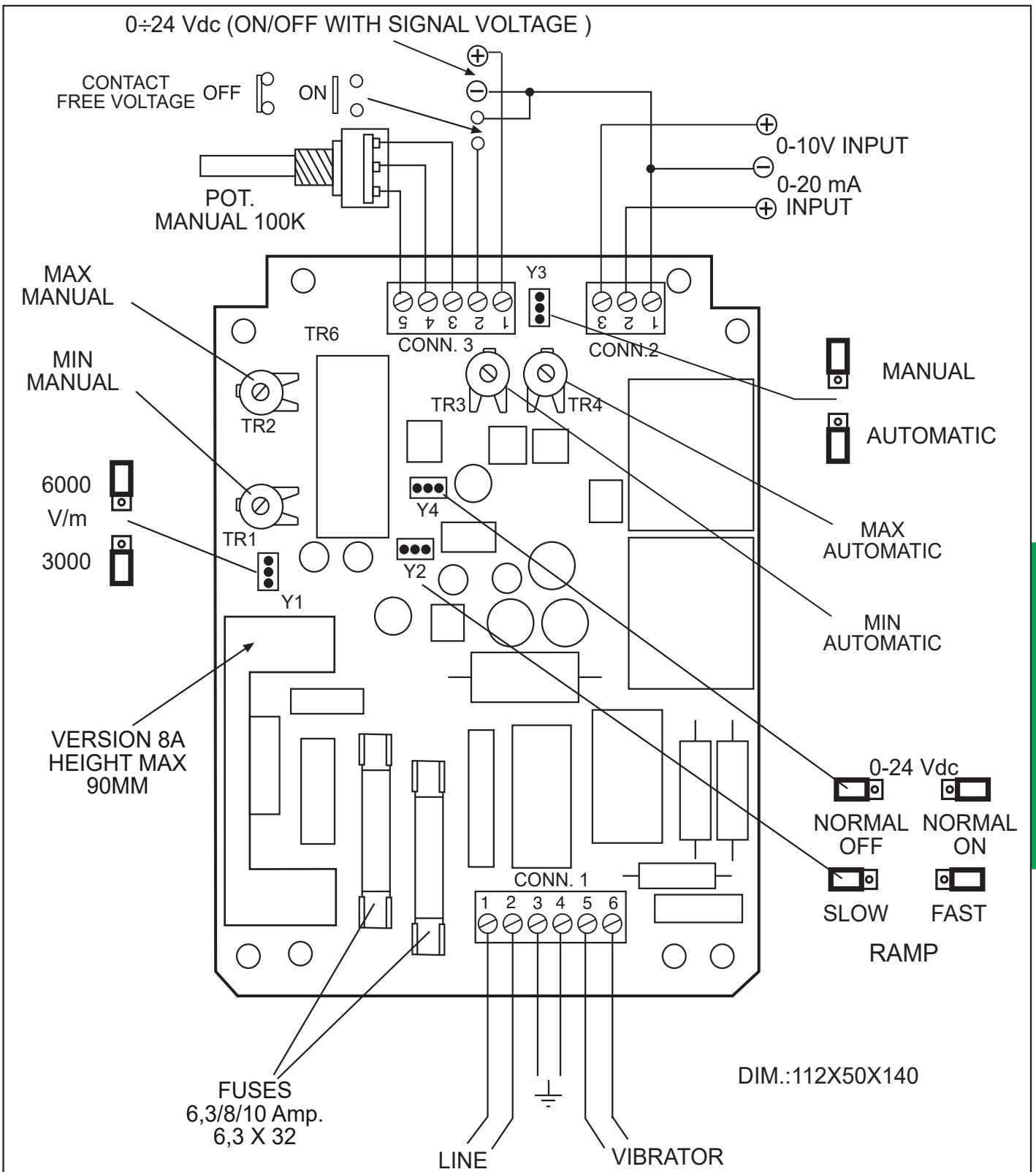
PLASTIC BOX CV6F
PV CV6FX Z2 STP
165x130x70



CIRCUIT CV6F/CV8F
PV CV6FX D2 STD

Available Versions

Type	Box	Colour	Dimensions	Code	Price €
CV6F	Fire-retardant plastic	RAL 7035	165 x 130 x 70	PV CV6FX Z2 STP	
CV6F	Aluminum	GREY RAL 7035	165 x 140 x 65	PV CV6FX Z2 STM	
CV8F	Metallic Box	GREY	240 x 130 x 110	PV CV6FX Z2 STD	
CV6F-CV8F	Circuit		145 x 115 x 45	PV CV6(8)FX A2 STD	
CV6F-CV8F/DIN35	Circuit		145 x 140 x 55	PV CV6(8)FX D2 STD	
CV6F-CV8F	Aluminum	RAL 7035	195 x 130 x 90	PV CV6(8)FX Z2 SM1	



INDUSTRIAL

DIMENSIONS AND MEASURE BORING

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



Description: CIRCUIT CV6/F-CV8/F

CODE	REV	DATE	DRAFTSMAN	SHEET
DT CV6F-CV8F	00	06/04	E. PEDRAZZI	1/1