Electronic Controller for Electromagnetic Vibrator

CV6/17-CV8/17

6/8 A | 115/230V 400V | 0/10V 4/20mA | IP65

General

Stabilized professional controller, compact, current till to 6,3A (CV6/17), 8A RMS (CV8/17) in metallic or plastic box, only circuit or circuit with support DIN35 with external potentiometer, with double insulation.

General Characteristics

Voltage (110V) 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 • Led green ON • Status relay (red led).

Applications

Adjustment of linear and bowl feeders up to 6.3/8 Amp for weighing and dosing systems, designed for anyone who uses any direct configuration from PLC (eg static relays for ON / OFF inputs and 0/10V signals) without the risk of connecting signals that interfere with each other.

Options

Box IP65 (NEMA 4/4X) INOX Box • Customized label • Double speed • Connector for vibrator • Available with PRX92-PRX99 circuits for NPN-PNP sensor • **IP20**.

Technical Specs

Feeding Tension:	110V or 230V or 400V ± 5% – 50/60 Hz
Consumption :	1,5 W max
Fuses CV12-CV15:	6,3/8A (RMS)
Min Load:	50 mA (RMS)
Potentiometr of reg.:	3000/6000 VPM (50 Hz) RC-AC
Vibration Frequency:	0,1 sec. / 1 sec. (modifiable)
Ramp Time:	80 V ± 30% (230V) 140 V ± 30% (400V)
Min Regulation:	220 V - 30% (230V) 380 V - 30% (400V)
Max Regulation:	free voltage contact/voltage signal 0/24Vcc
Consumption Input Autom. 0/10V:	1mA max
Impedance Input 0-10V/4-20mA:	50 Komh-50 omh
ON/OFF:	IP55-IP65 in box (only circuit IP00-IP20)
Protection Degree:	–35°C / +80°C
Storage Temperature:	–25°C / +50°C
Operation Temperature:	EMC CE
Warranty:	1 year (from date on circuit)



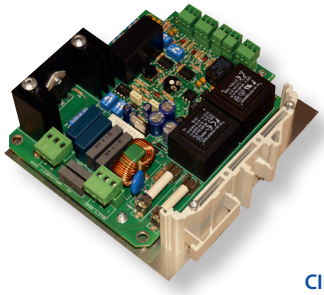
METALLIC BOX CV6/17
PV CV617 Z2 STM
165x140x65



METALLIC BOX CV6/17-CV8/17
PV CV817 Z2 SM1
195x130x90



PLASTIC BOX CV6/17
PV CV617 Z2 STP
165x130x70



CIRCUIT CV6/17-CV8/17
PV CV617 D2 STD

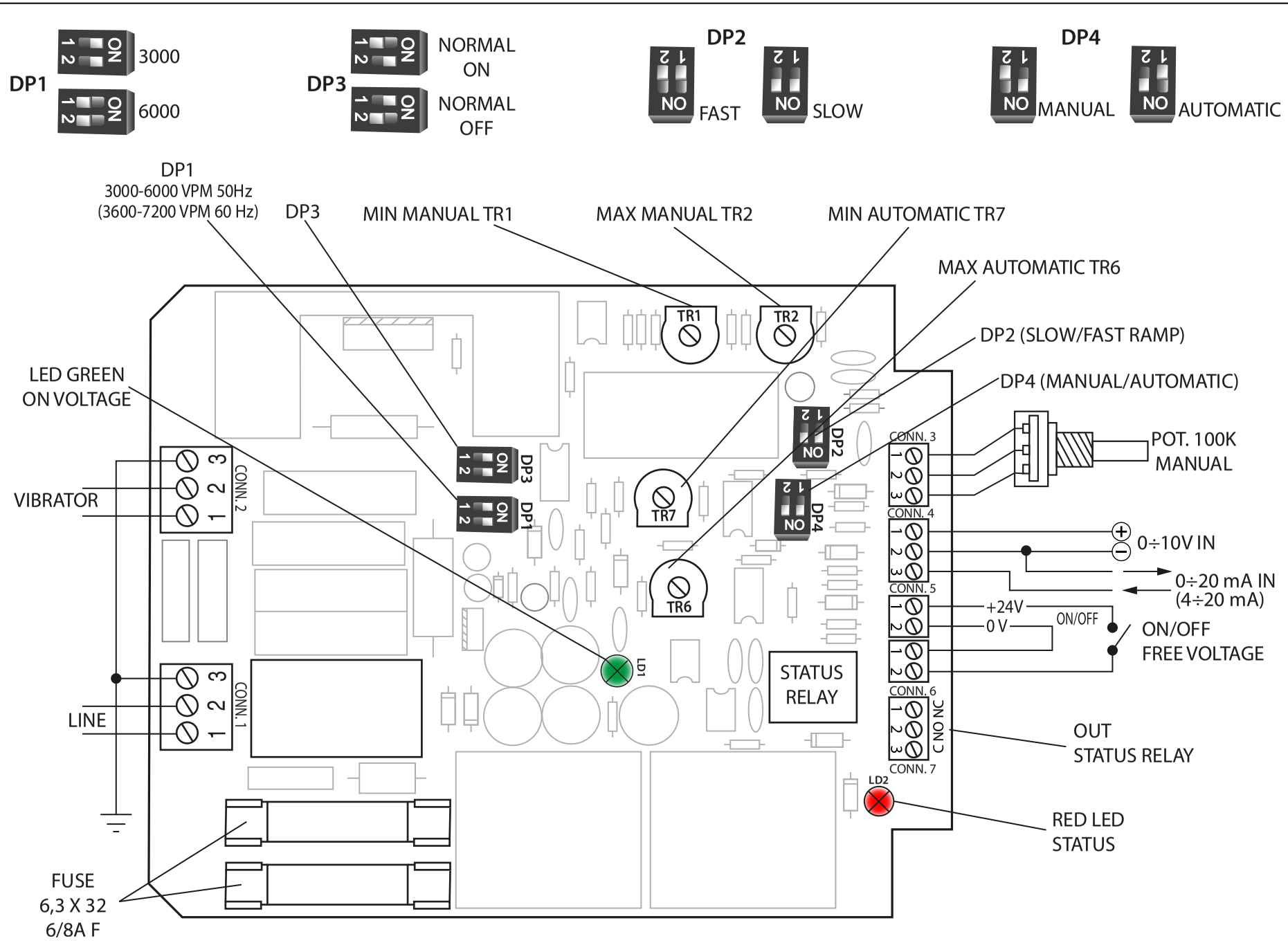
Available Versions ** on request*

Type	Box	Colour	Dimensions	Code	Price €
CV6/17	Fire-retardant plastic	RAL 7035	165 x 130 x 70	PV CV6 17 Z2 STP	
CV6/17	Aluminum	GREY RAL7040	165 x 140 x 65	PV CV6 17 Z2 STM	
CV8/17	Metallic Box	GREY	240 x 130 x 110	PV CV8 17 Z2 STD	
CV6/17-CV8/17	Circuit		145 x 115 x 45	PV CV6(8) 17 A2 STD	
CV6/17-CV8/17 DIN35	Circuit		145 x 140 x 55	PV CV6(8) 17 D2 STD	
CV6/17-CV/17	Aluminum	RAL 7035	195 x 130 x 90	PV CV6(8) 17 Z2 SM1	

MP ELETTRONICA
QUALITY VIBRATION CONTROL

CODE	REV	DATE	DRAFTSMAN	SHEET
DTCV6-8/17	00	09/18	E. PEDRAZZI	1/1

Description: CIRCUIT CV6/17 - CV8/17



INDUSTRIAL