

Electronic Controller for Electromagnetic Vibratory Feeders

▶ CV40F

40A

**230V
400V**

**0/10V
4/20mA**

General

Stabilized professional controller, current till to **40A** rms in metallic box, only circuit with external potentiometer.

General Characteristics

Voltage (115V) 230V or 400V, 50/60 Hz • 3000/6000 vpm (**50/100 Hz**) • Automatic input 0/10V-4/20mA • Multiple ON/OFF input • Slow/fast ramp • Reg. vibration min/max Man/Automatic • Relay alarm ON vibrator.

Applications

Regulation of linear feeders and big bowl feeders till **40** Amps with automatic input (PLC).

Options

Box IP65 (NEMA 4/4X) • INOX Box • Customized label • Voltage till 500V • Double speed • Double output • Module for 2 or more vibrators • **OUTPUT 25 Hz.**

Technical Specs

Feeding Tension:	230 V or 400V ± 10% – 50/60 Hz
Consumption :	3,5 W max
Fuses CV40:	double 40A F 660V 10x38 H 100000A
Min Load:	50 mA (RMS)
Potentiometr of reg.:	100K ohm linear
Vibration Frequency:	3000/6000 vpm (50 Hz) RC-AC
Ramp Time:	0,1 sec. / 2 sec. (adjustable)
Min Regulation:	80 V ± 30% (230V) 140 V ± 30% (400V)
Max Regulation:	200 V - 30% (230V) 380 V - 30% (400V)
Consumption Input Autom. 0/10V:	1mA max
Impedance Input 0-10V-4/20mA:	50 Komh-50 omh
ON/OFF:	free voltage contact /0-24Vcc
Protection Degree:	IP55 in box (IP65-NEMA4-4X)
Storage Temperature:	-25 °C / + 80 °C
Operation Temperature:	-15°C / +55°C
European Norms:	EMC CE
Warranty:	1 year (from date on circuit)



METALLIC BOX
PV CV40F Z4 STD
350x270x140



CIRCUIT
PV CV40F A4 STD



MODULE DOUBLE OUTPUT
PV MOD2U AX EXT



MODULE DOUBLE OUTPUT
PV MOD2U AX STD

Available Versions

Type	Box	Colour	Dimensions	Code	Price €
CV40F	Circuit		320 x 170 x 100	PV CV40F A4 STD	
CV40F	Metallic Box	GREY	350 x 200 x 140	PV CV40F Z4 STD	
CV40F	Circuit (until 500V)		320 x 170 x 100	PV CV40F A5 STD	
CV40F	Metallic Box (500V)	GREY	350 x 200 x 140	PV CV40F Z5 STD	
CV40F	Circuit doubles exit		320 x 270 x 100	PV CV40F A5 S2U	
CV40F	Circuit doubles speed		320 x 170 x 100	PV CV40F A5 S2V	

