Electronic Controller for Electromagnetic Vibrator

CV40/17

40 A | 230V 400V | 0/10V 4/20mA | IP65

General

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

General Characteristics

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

Applications

Adjustment of linear and bowl feeders up to 40 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 • Voltage till 550V • Double speed • Double output • Module for 2 or more vibrators • **IP20** • **OUTPUT 25 Hz**.

Technical Specs

Feeding Tension:	(110V) 230 V or 400V ± 5% – 50/60 Hz
Consumption :	3,5 W max
Fuses:	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/0-20mA:	50 Komh-50 omh
ON/OFF:	free voltage contact /0-24Vcc
Protection Degree:	IP55 in box (IP65-NEMA4-4X)
Storage Temperature:	-35 °C / + 80 °C
Operation Temperature:	–25°C / +50°C
Warranty:	1 year (from date on circuit)



METALLIC BOX
PV CV40F Z4 STD
300x400x150

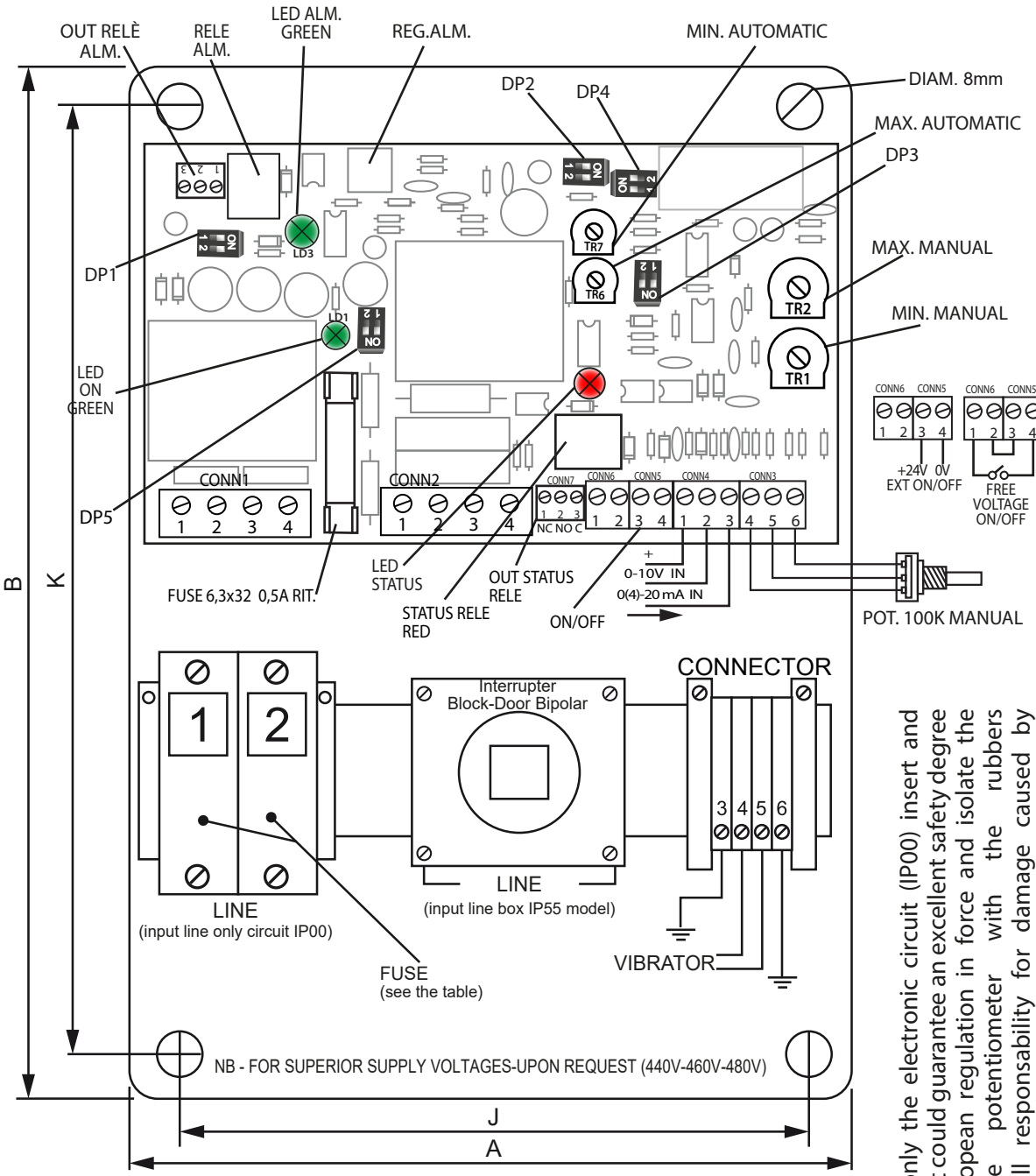


CIRCUIT
PV CV40F A4 STD

Available Versions

Type	Box	Colour	Dimensions	Code	Price €
CV40/17	Circuit		320 x 170 x 100	PV C4017 A4 STD	
CV40/17	Metallic Box	GREY	300 x 400 x 150	PV C4017 Z4 STD	
CV40/17	Circuit (until 500V)		320 x 170 x 100	PV C4017 A5 STD	
CV40/17	Metallic Box (500V)	GREY	300 x 400 x 150	PV C4017 Z5 STD	
CV40/17	Circuit doubles exit		320 x 270 x 100	PV C4017 A5 S2U	
CV40/17	Circuit doubles speed		320 x 170 x 100	PV C4017 A5 S2V	

DP1	DP2	DP3	DP4	DP5
6000 (50Hz) 3000 7200 (60Hz) 3600	FAST SLOW	NORMAL OFF NORMAL ON	MANUAL AUTOMATIC	230V 400V OR MORE



MEASURE (mm) CIRCUITS FROM CV10 to CV100 (IP00)								
Circuit IP00 (*)	DIMENSION			BORING MEASURE		DIM. CONNECTORS	FUSE DIM./AMPERE	
	A	B	H	J	K			
CV 12/17	170	230	100	145	205	4 mmq	10,3 x 38	12A
CV 25/17	170	320	100	145	295	10 mmq	10,3 x 38	25A
CV 40/17	243	320	100	219	295	16 mmq	14 x 51	40A
CV 70/17	280	380	130	255	355	25 mmq	22 x 58	70A
CV 100/17	ON REQUEST							

NOTE: If you use only the electronic circuit (IP00) insert and cable it in a box that could guarantee an excellent safety degree respecting the European regulation in force and isolate the terminals of the potentiometer with the rubbers provided.Decline all responsability for damage caused by improper use of the circuit.

INDUSTRIAL

SKETCH AND CHARACTERISTICS CAN BE MODIFY WITHOUT NOTICE

MP ELETTRONICA
QUALITY VIBRATION CONTROL

Descriptrion: STABILIZED ELECTRONIC CIRCUIT CVXY/F(*) HIGH STABILIZED

CODE	REV	DATE	DRAFTSMAN	SHEET
DT CVXY /17	00	28/02/19	E. PEDRAZZI	1/1