



SPARK

Drives & Automation

COMPACT BOWL FEEDER VIBRATOR CONTROLLER

230Vac, 50Hz, 3Amps Output Current, POT Input, DIN Rail Mount

SPARKDNA ECVIB05-02 series of phase angle controllers are specially designed for controlling the Medium Size Bowl Feeder Vibrators. ECVIB05-02 vibrator controllers are designed to handle up to 3Amps Current / 750VA Power.

ECVIB05 has an on-panel POT to set the Vibrator's Feed-rate and an on-panel fuse provides over current protection for the feeder coil as well as for the internal semiconductors. Run/Stop Control pin is provided for instant stop of the vibrator. Power On/Off switch is also provided.

Power LED indication and Run/Stop LED indications are available. Thanks to the soft-start output, the feeder starts quietly and ensures gentle product handling.



Compact Bowl Feeder Vibrator Controller

Ordering Info

S.no	Model No	Control Input type	Mounting	Remarks
1	ECVIB05-02	POT Input	DIN Rail Mount	

Electrical Characteristics

Supply Voltage	:	230Vac \pm 5%
Frequency	:	50Hz
Output Current	:	3A RMS
Ramp time	:	500 msec
Run/Stop control	:	Connect S1 and S2 pins to stop the controller.



SPARK

Drives & Automation

Mechanical Characteristics

Operating temperature	:	0...+65 (°C)
Size (l*b*h)	:	100*105*55 mm ³
Housing	:	DIN Rail ABS Plastic Enclosure
Weight	:	200 gms approx

Connector Info

Pin numbers mentioned are from left to right.

PIN#	CONNECTION
SUPPLY CONNECTION	
P	230VAC Phase
N	230VAC Neutral
E	230VAC Earth
VIBRATOR CONNECTION	
L1	Vibrator Terminal 1
L2	Vibrator Terminal 2
E	Vibrator Earth
RUN/STOP CONTROL**	
S1	Run/Stop Pin-1
S2	Run/Stop Pin-2

**By default, Vibrator is in RUN Mode if Run/Stop Control Pins S1 and S2 are left open. If S1 and S2 pins are connected together, then Vibrator will be in STOP mode.