Electronic Controller for Electromagnetic Vibrator

**MCP01-MCP02**

**General**

This Module MCP01 - MCP02 can be used for the automatic driving of a system made up by a vibratory hopper, cylindrical vibratory feeder, linear vibratory feeder or conveyor belt with 2 PNP sensor, output blow air, alarm time out.

**General Characteristics**

Voltage (110V) 230V, 50/60 Hz • Input ON/OFF • Soft/Fast ramp (0 ÷ 10 sec.) • Digital Regulation amplitude min/max • Digital menu • Line input with schuko plug • Vibrator output with connector • Delay EV air blow (0 ÷ 2 sec.) - Alarm absence pieces (0 ÷ 180 sec.) - Lamp alarm (24Vcc).

**Applications**

MCP02: Control circuit for vibratory Hopper, Blow feeder or Bowl feeder, Linear vibratory feeder with level sensor NPN/PNP in the Cylindrical vibratory feeder and overflow sensor NPN/PNP on the Linear vibratory feeder (both timed).

**Options**

Personalized label • Connector for vibrator • SW custom.

**Electrical Characteristics**

Supply Voltage: 230V +/- 5% 50/60Hz
Current Max: 3A - 6A - 3A (RMS)
Fuses: 6,3A F 250V 5x20 H 1500 A (EN 627-2 CEI)
Min. Load: 50 mA (RMS)
Frequency of Vibration: 3000/6000 V/min. (50Hz)
Time of Ramp: 0,2 sec. or 2 sec. (modifiable)
Regolation Min.: 80V +/- 30%
Regolation Max: 200V - 30%
Delay T1/T2: 0-10 sec.
Alarm Time: 0-15 sec.
Sensor Input: optoisolated NPN/PNP
Degree of pollution: 2
Position of Assemblage: horizontal or vertical
Degree of Protection: IP54 in box (only circuit IP00)
Temperature of Storage: -15 °C / + 80 °C
Temperature of Operation: -5 °C / + 45 °C
Range of Relative humidity: 80% till to 31°C
Installation Class: II
Altitude: till to 2000 meters
European Norms: EMC CE
Guarantee: 1 year (from date on circuit)

**Versioni disponibili**

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<td>GREY</td>
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<td>PV MCP01 Z2 STD</td>
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