

SMART

INDUSTRIAL
DIGITAL
MCP



R3FC ISO

Electronic Controller for
Electromagnetic Vibrator



Stabilized professional optoisolated controller, compact, economic, current till to 3/4A in plastic box, only circuit or circuit with support DIN35 with external potentiometer.



R3FSC ISO

Electronic Controller for
Electromagnetic Vibrator



Stabilized professional optoisolated controller, compact, economic, current till to 4/5A in metallic or plastic box, only circuit or circuit with support DIN35 with external potentiometer.



R5FC ISO

Electronic Controller for
Electromagnetic Vibrator



Stabilized controller, compact, economic, current till to 6/8A rms in metallic or plastic box, only circuit or circuit with support DIN35 with external potentiometer.

R3FC ISO

GENERAL CHARACTERISTICS

- Voltage (110V) 230V, 50/60 Hz
- 3000/6000 Vib/Min
- Multiple ON/OFF input with double logic
- Slow/Fast ramp
- Reg. vibration min/max
- Line input with schuko plug
- Vibrator output with connector
- Led green (ON).

APPLICATION

Regulation of linear and circular vibrators till 3/4 Amps.

OPTIONS

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

ELECTRICAL CHARACTERISTICS

Tension of Feeding:	115 or 230V ± 10% – 50/60 Hz
Consumption:	1 W max
Current Max:	3/4A (RMS)
Load Min:	30 mA (RMS)
Frequency of Vibration:	3.000/6.000 V/min (50 Hz) RC-AC
Time of Ramp:	0,1 sec. / 1 sec. (modifiable)
Regulation Min.:	80 V ± 30%
Regulation max:	220 V - 30%
On/Off: free voltage contact/voltage signal	0/24Vcc
Degree of Protection:	IP55 in box (IP65-NEMA4-4X)
Temperature of Storage:	-10°C / +80°C
Temperature of Operation:	-5°C / +55°C
European Norms:	EMC CE
Guarantee:	1 year (from date on circuit)

AVAILABLE VERSIONS

Code	Box	Dimension
PV R3ISO A2 STD	Circuit	80 x 95 x 35
PV R3ISO Z2 STD	Fire-retardant plastic	100 x 100 x 50
PV R3ISO D2 STD	Circuit DIN35	115 x 185 x 50
PV R3ISO Z2 P92	+ circuit for sensor NPN/PNP	100 x 100 x 50

R3FSC ISO

GENERAL CHARACTERISTICS

- Voltage (110V) 230V, 50/60 Hz
- 3000/6000 Vib/Min
- Multiple ON/OFF input with double logic
- Slow/fast ramp
- Reg. vibration min/max
- Line input with schuko plug
- Vibrator output with connector
- Status Relay
- Led ON (green)
- Led status (red).

APPLICATION

Regulation of linear and circular vibrators till 4/5 Amps.

OPTIONS

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

ELECTRICAL CHARACTERISTICS

Tension of Feeding:	(110) 230V ± 10% – 50/60 Hz
Consumption:	1 W max
Current Max:	4/5A (RMS)
Load Min:	30 mA (RMS)
Frequency of Vibration:	3.000/6.000 V/min (50 Hz) RC-AC
Time of Ramp:	0,1 sec. / 1 sec. (modifiable)
Regulation Min.:	80 V ± 30% (230V)
Regulation max:	220 V - 30% (230V)
On/Off: free voltage contact/voltage signal	0/24Vcc
Degree of Protection:	IP55 in box (IP65-NEMA4-4X)
Temperature of Storage:	-10°C / +80°C
Temperature of Operation:	-5°C / +55°C
European Norms:	EMC CE
Guarantee:	1 year (from date on circuit)

AVAILABLE VERSIONS

Code	Box	Dimension
PV R3SIS A2 STD	Circuit	94 x 94 x 35
PV R3SIS D2 STD	Circuit	115 x 185 x 50
PV R3SIS Z2 STD	Fire-retardant plastic	165 x 100 x 67
PV R3SIS Z2 STM	Aluminum	140 x 115 x 60
PV R3SIS Z2 SM1	Aluminum	150 x 100 x 80

R5FC ISO

GENERAL CHARACTERISTICS

- Voltage 110/230V or 400V, 50/60 Hz
- 3000/6000 Vib/min
- Input Double ON/OFF (free contact voltage, signal voltage)
- Slow/fast ramp
- Reg. vibration min/max
- Led ON
- Line input with schuko plug
- Vibrator output with connector
- Status Relay (led red).

APPLICATION

Regulation of vibrators linear and small circular vibrators till 6/8 Amps • Drive linear • Bowl feeder • Hopper • Low-High speed.

OPTIONS

Box IP65 (NEMA 4/4X) • INOX Box • Personalized label • Connector for vibrator. Available with circuit PRX92 or PRX99.

ELECTRICAL CHARACTERISTICS

Tension of Feeding:	115/230V or 400V ± 5% – 50/60 Hz
Consumption:	1,5 W max
Current Max:	6/8A (RMS)
Load Min:	50 mA (RMS)
Frequency of Vibration:	3.000/6.000 V/min (50 Hz) RC-AC
Time of Ramp:	0,2 sec. / 2 sec. (modifiable)
Regulation Min.:	80 V ± 30%
Regulation max:	220 V - 30%
On/Off: free voltage contact/signal voltage	0/24Vcc
Degree of Protection:	IP55 in box (IP65-NEMA4-4X)
Temperature of Storage:	-15°C / +80°C
Temperature of Operation:	-5°C / +55°C
European Norms:	EMC CE
Guarantee:	1 year (from date on circuit)

AVAILABLE VERSIONS

Code	Box	Dimension
PV R5ISO Z2 STD	Fire-retardant plastic	165 x 130 x 70
PV R5ISO Z2 STM	Aluminum	165 x 140 x 65
PV R5ISO Z2 SM3	Aluminum	195 x 130 x 90
PV R5ISO D2 STD	Circuit DIN35	145 x 130 x 50