

Electronic Controller for Electromagnetic Vibrator

R5FC-ISO **6A** **115V 230V** **STATUS RELÈ**

General

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.

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).

Applications

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 Characteristis

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



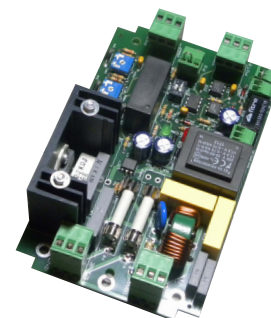
METALLIC BOX
PV R5ISO Z2 STM
165x140x65



METALLIC BOX
PV R5ISO Z2 SM3
195x130x90



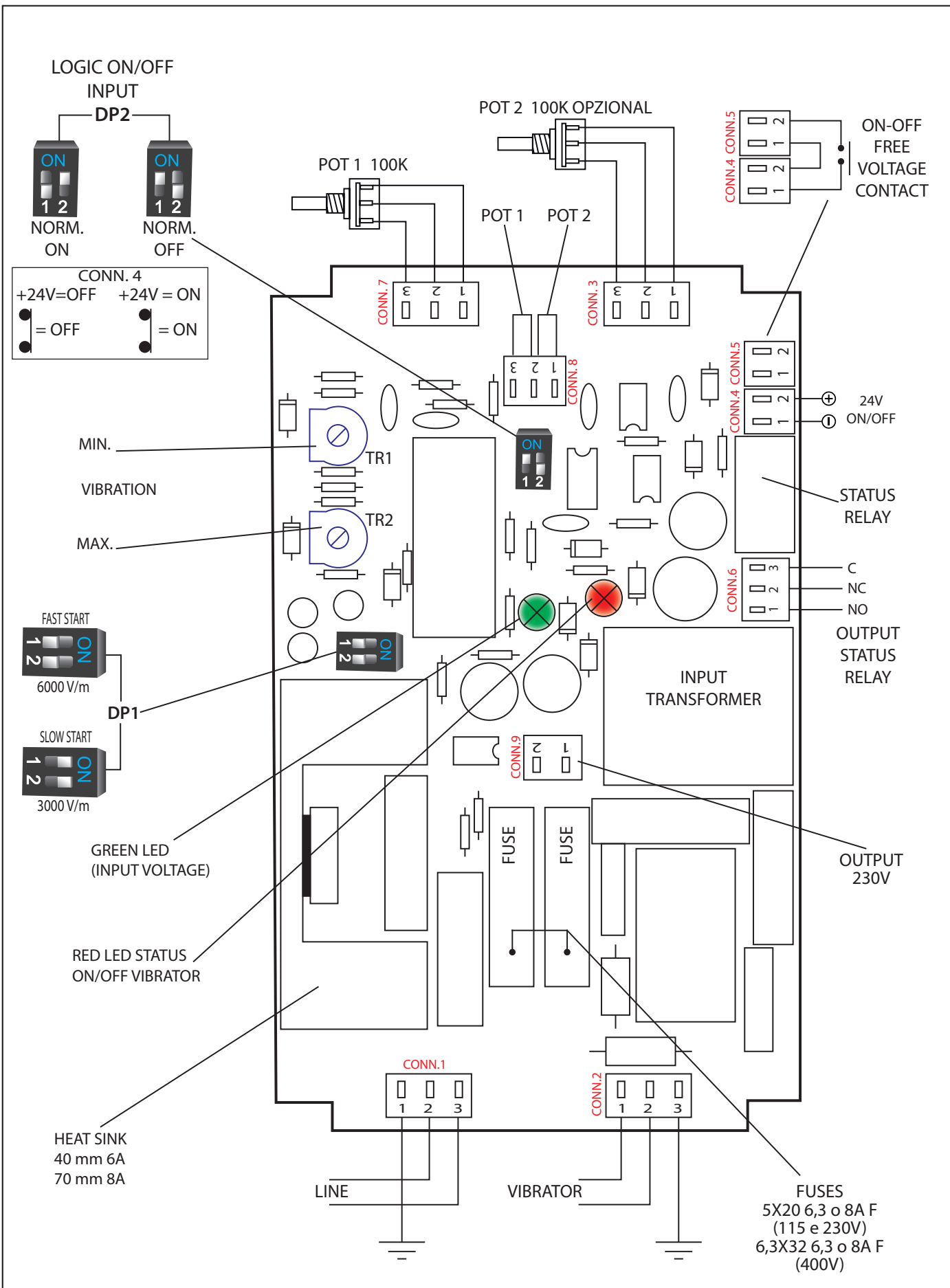
PLASTIC BOX
PV R5ISO Z2 STD
165x130x70




CIRCUIT
PV R5ISO A2 STD

Available Versions

| Type | Box | Colour | Dimensions | Code | Price € |
|--------------|------------------------|------------|----------------|-----------------|---------|
| R5FC-ISO | Fire-retardant plastic | RAL 7035 | 165 x 130 x 70 | PV R5ISO Z2 STD | |
| R5FC-ISO | Aluminum | GREY CLEAR | 165 x 140 x 65 | PV R5ISO Z2 STM | |
| R5FC-ISO | Aluminum | RAL 7035 | 195 x 130 x 90 | PV R5ISO Z2 SM3 | |
| R5FC/DIN-ISO | Circuit DIN35 | | 145 x 130 x 50 | PV R5ISO D2 STD | |



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|--|---|-----|-------|-------------|-------|
|  <p>MP ELETTRONICA QUALITY VIBRATION CONTROL</p> | Description: ELECTRONIC CIRCUIT R5FC ISO | | | | |
| | CODE | REV | DATE | DRAFTSMAN | SHEET |
| | DTR5FCISO | 00 | 06/14 | E. PEDRAZZI | 1/1 |