Electronic Controller for Electromagnetic Vibrator

R5FC-ISO 6/8A 115/230V 400V 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.

Technical Specs

Tension of Feeding:	115/230 V 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. (adjustable)
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)



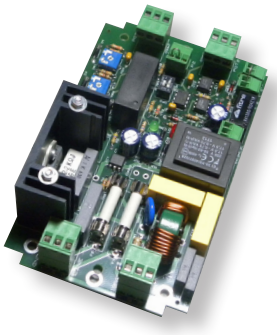
METALLIC BOX
PV R5ISO Z2 STM
165x140x65



METALLIC BOX
PV R5ISO Z2 SM3
195x130x90



PLASTIC BOX
PV R5ISO Z2 STD
165x130x70

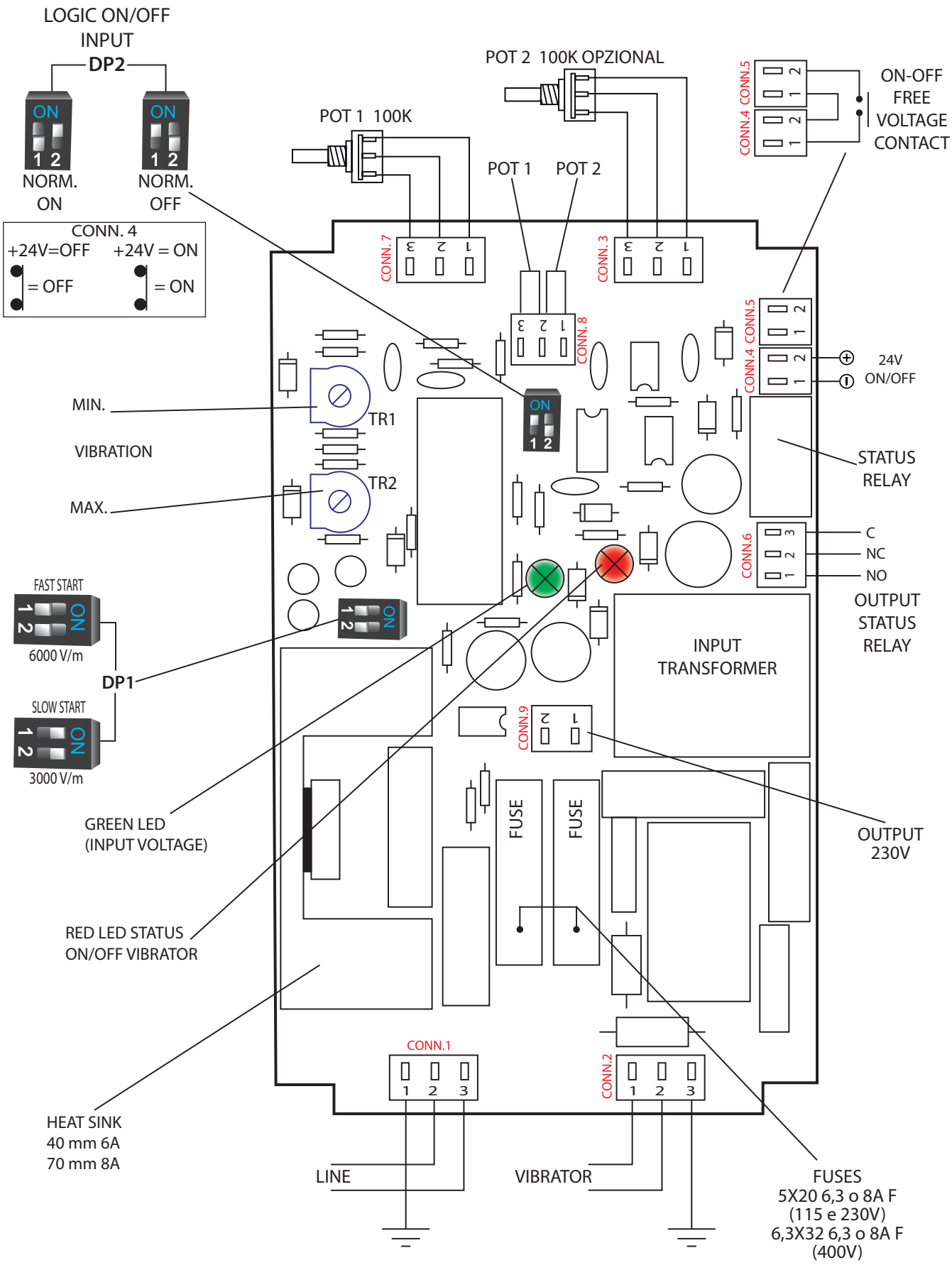


CIRCUIT
PV R5ISO A2 STD

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	

SMART-ISO



MP ELETTRONICA
QUALITY VIBRATION CONTROL

Description: **ELECTRONIC CIRCUIT R5FC ISO**

CODE	REV	DATE	DRAFTSMAN	SHEET
DTR5FCISO	00	06/14	E. PEDRAZZI	1/1