Electronic Controller for Electromagnetic Vibratory Feeders

R5FC 6/8A 115V 230V IP 65

General

Stabilized, compact and economic controller. This controller is available in the following versions: only circuit, circuit with DIN35 support and external potentiometer, plastic or metallic box.

General Characteristics

Voltage 115/230V, 50/60 Hz • 3000/6000 vpm • Input Double ON/OFF(free contact voltage, signal voltage) • Slow/fast ramp • Reg. vibration min/max • Led ON • Overload function • Line input with schuko plug • Vibrator output with connector.

Applications

Regulation of linear vibrators and small bowl feeders till 8 Amps.

Options

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

Technical Specs

Feeding Tension:	115/230 V ± 10% – 50/60 Hz
Consumption:	1,5 W max
Max Current:	6/8 A (RMS)
Min Load:	50 mA (RMS)
Vibration Frequency:	3000/6000 vpm (50 Hz) RC-AC
Ramp Time:	0,2 sec. / 2 sec. (adjustable)
Min Regulation:	80 V ± 30%
Max Regulation:	220 V - 30%
On/Off:	free voltage contact
Protection Degree:	IP55 in box (IP65-NEMA 4/4X)
Storage Temperature:	–15°C / +80°C
Operation Temperature:	–5°C / +55°C
European Norms:	EMC CE
Warranty:	1 year (from date on circuit)



METALLIC BOX
PV R5FCX Z2 STM
165x140x65



METALLIC BOX
PV R5FCX Z2 SM3
195x130x90



PLASTIC BOX
PV R5FCX Z2 STD
165x130x70

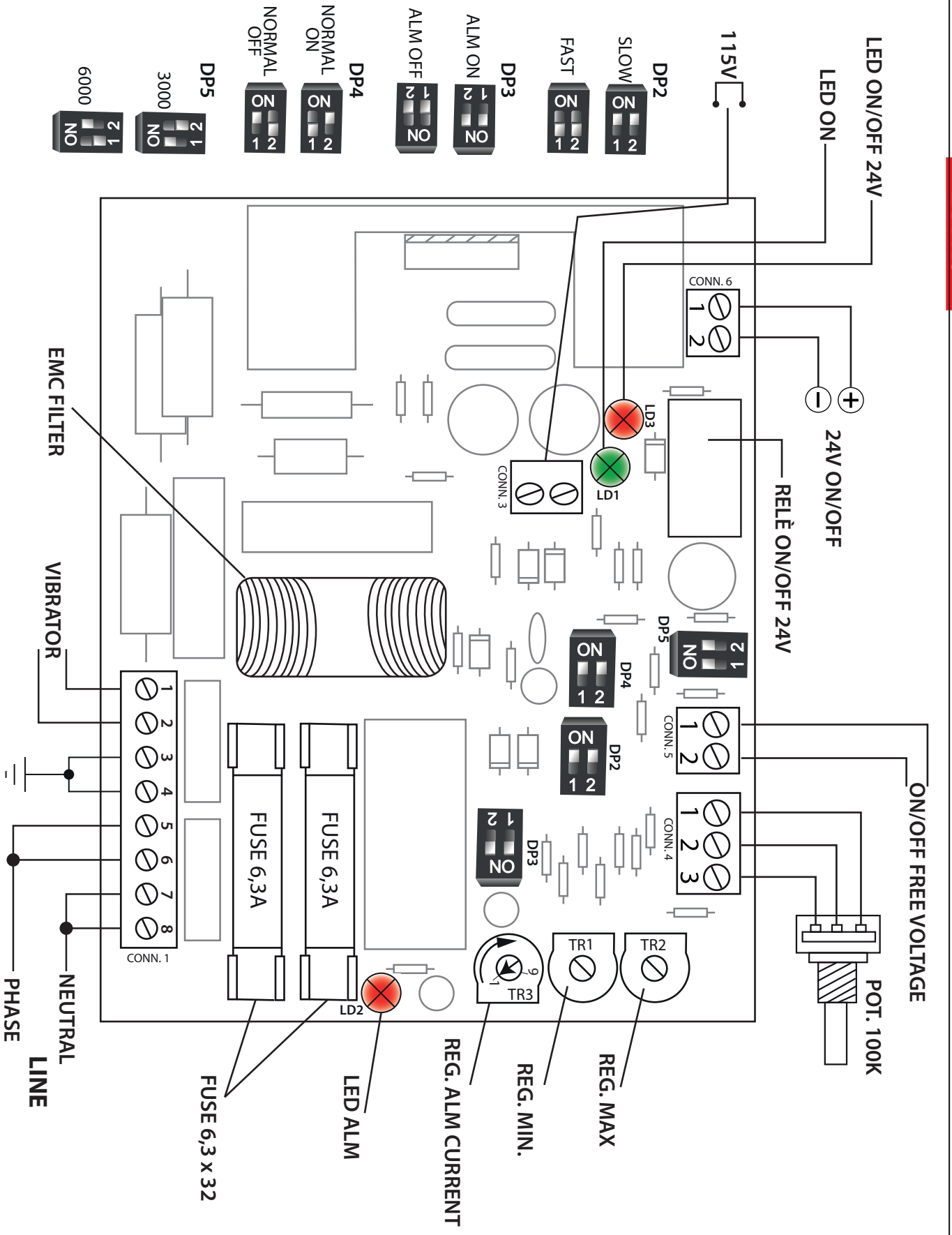


CIRCUIT
PV R5FCX A2 STD

Available Versions

Type	Box	Colour	Dimensions	Code	Price €
R5FC	Fire-retardant plastic	RAL 7035	165 x 130 x 70	PV R5FCX Z2 STD	
R5FC+PRX92	Fire-retardant plastic	RAL 7035	165 x 130 x 70	PV R5P92 Z2 STD	
R5FC	Aluminum	GREY CLEAR	165 x 140 x 65	PV R5FCX Z2 STM	
R5FC	Aluminum	RAL 7035	195 x 130 x 90	PV R5FCX Z2 SM3	
R5FC/DIN	Circuit DIN35		145 x 130 x 50	PV R5FCX D2 STD	

SMART



MP ELETTRONICA
QUALITY VIBRATION CONTROL

Description: **CONTROL CIRCUIT R5FN STABILIZED**

CODE	REV	DATE	DRAFTSMAN	SHEET
DTR5C	02	02/24	E. PEDRAZZI	1/1