Electronic Controller for Electromagnetic Vibratory Feeders

R3FC-ISO

4A | 110V 230V | 2 ON/OFF

General

Stabilized, optoisolated, 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 115V/230V, 50/60 Hz • 3000/6000 vpm • 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).

Applications

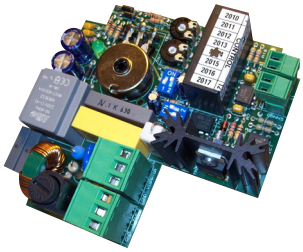
Regulation of linear and bowl feeders till 4 Amps.

Options

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



PLASTIC BOX
PV R3ISO Z2 STD
100x100x50



CIRCUIT
PV R3ISO A2 STD

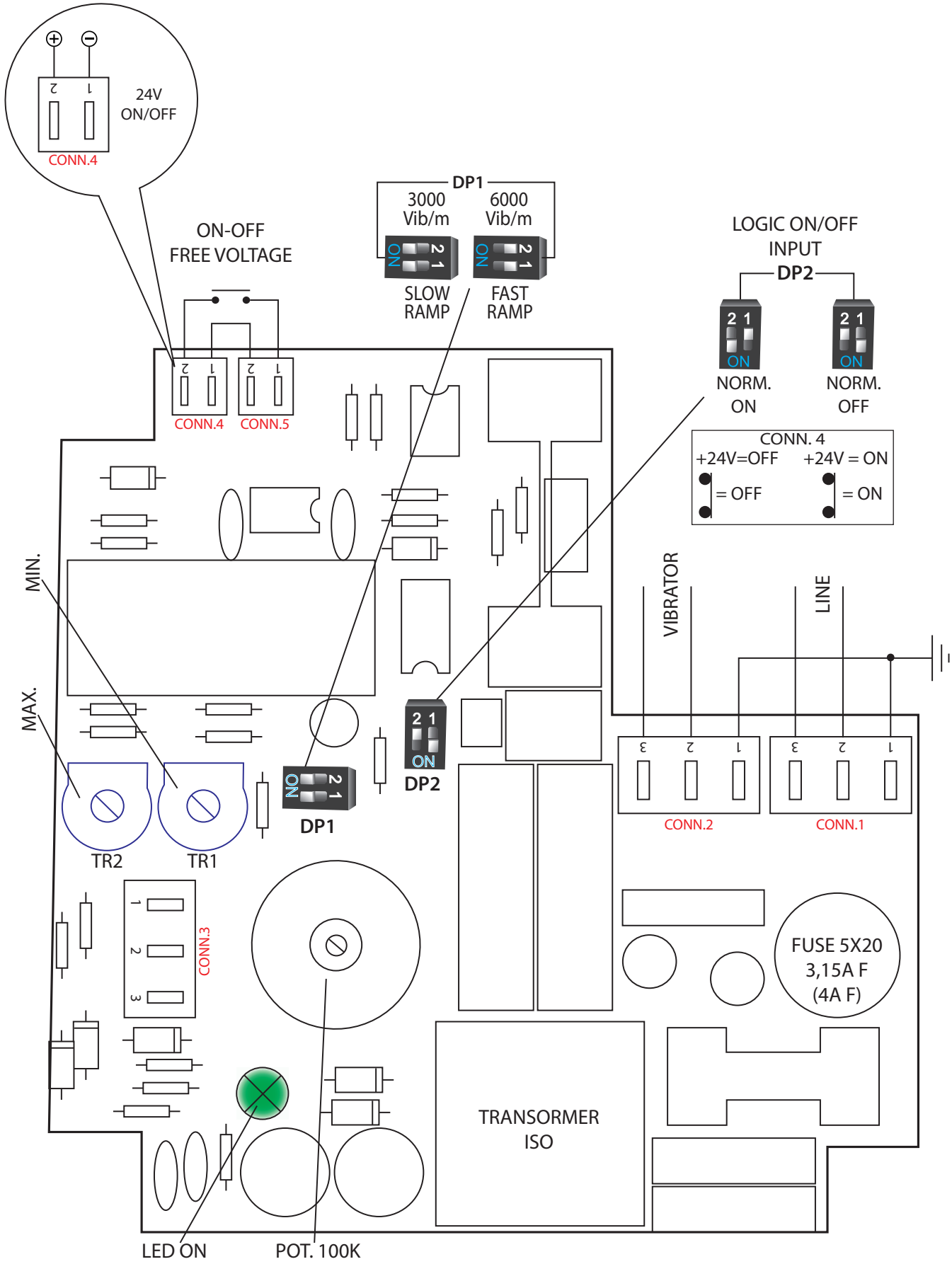
Technical Specs

Feeding Tension:	115/230 V ± 10% – 50/60 Hz
Consumption:	1,5 W max
Max Current:	4 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)

Available Versions

Type	Box	Colour	Dimensions	Code	Price €
R3FC-ISO	Circuit		80 x 95 x 35	PV R3ISO A2 STD	
R3FC-ISO	Fire-retardant plastic	RAL 7035	100 x 100 x 50	PV R3ISO Z2 STD	
R3FC-ISO/DIN	Circuit DIN35		115 x 185 x 50	PV R3ISO D2 STD	
R3FC-ISO+PRX92	+ circuit for sensor NPN/PNP	RAL 7035	100 x 100 x 50	PV R3ISO Z2 P92	

SMART-ISO



MP ELETTRONICA QUALITY VIBRATION CONTROL	Description: **ELECTRONIC CIRCUIT R3FC ISO**				
	CODE	**REV**	**DATE**	**DRAFTSMAN**	**SHEET**
	DTR3FCISO	00	02/14	E. PEDRAZZI	1/1