

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**

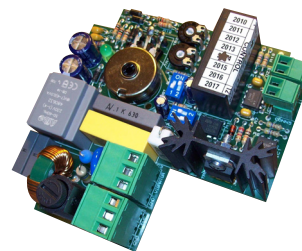
Box IP65 (NEMA 4/4X) • INOX Box • Customized label • Double speed • Connector for vibrator • Available with PRX92-PRX99 circuits for NPN-PNP sensor.

**Technical Specs**

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



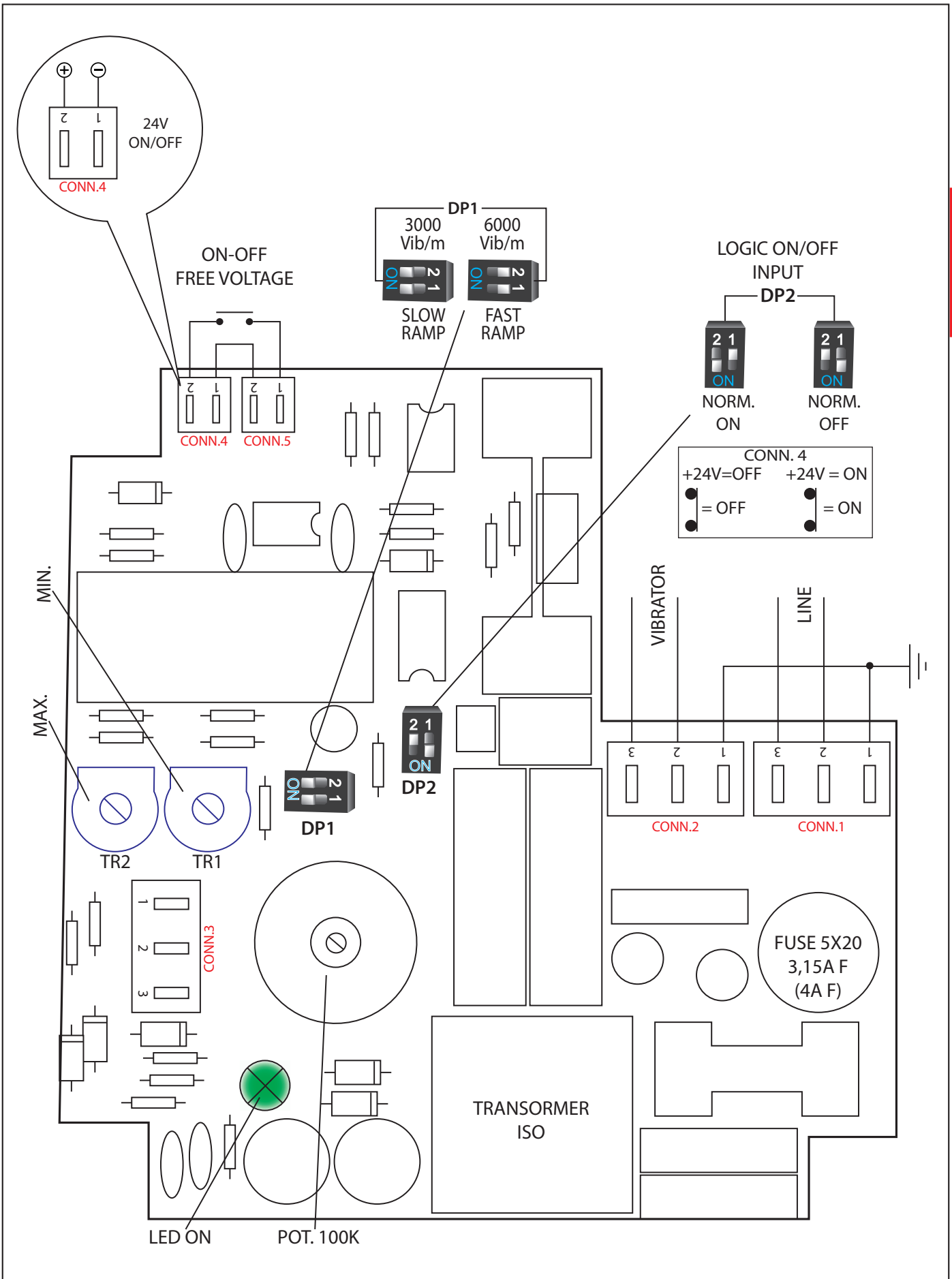
**PLASTIC BOX**  
PV R3ISO Z2 STD  
100x100x50




**CIRCUIT**  
PV R3ISO A2 STD

**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	



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