

Electronic Controller for Electromagnetic Vibratory Feeders

R3FSC-ISO **5A** **115V 230V** **STATUS RELÉ**

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 • Status Relay • Led ON (green) • Led status (red).

Applications

Regulation of linear and bowl feeder till 5 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) 230V ± 10% – 50/60 Hz
<i>Consumption:</i>	1 W max
<i>Max Current:</i>	5A (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% (230V)
<i>Max Regulation:</i>	220 V - 30% (230V)
<i>On/Off:</i>	free voltage contact/voltage signal 0/24Vcc
<i>Degree of Protection:</i>	IP55 in box (IP65-NEMA 4/4X)
<i>Temperature of Storage:</i>	-10°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)

Available Versions

Type	Box	Colour	Dimensions	Code	Price €
R3FS-ISO	Circuit		94 x 94 x 35	PV R3SIS A2 STD	
R3FS-ISO/DIN	Circuit		115 x 185 x 50	PV R3SIS D2 STD	
R3FS-ISO	Fire-retardant plastic	RAL 7035	165 x 100 x 67	PV R3SIS Z2 STD	
R3FS-ISO	Aluminum	RAL 7035	140 x 115 x 60	PV R3SIS Z2 STM	
R3FS-ISO	Aluminum	RAL 7035	150 x 100 x 80	PV R3SIS Z2 SM1	



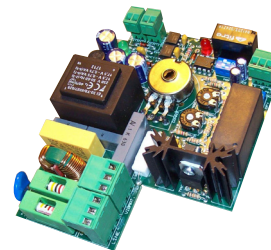
METALLIC BOX
PV R3SIS Z2 STM
140x115x60



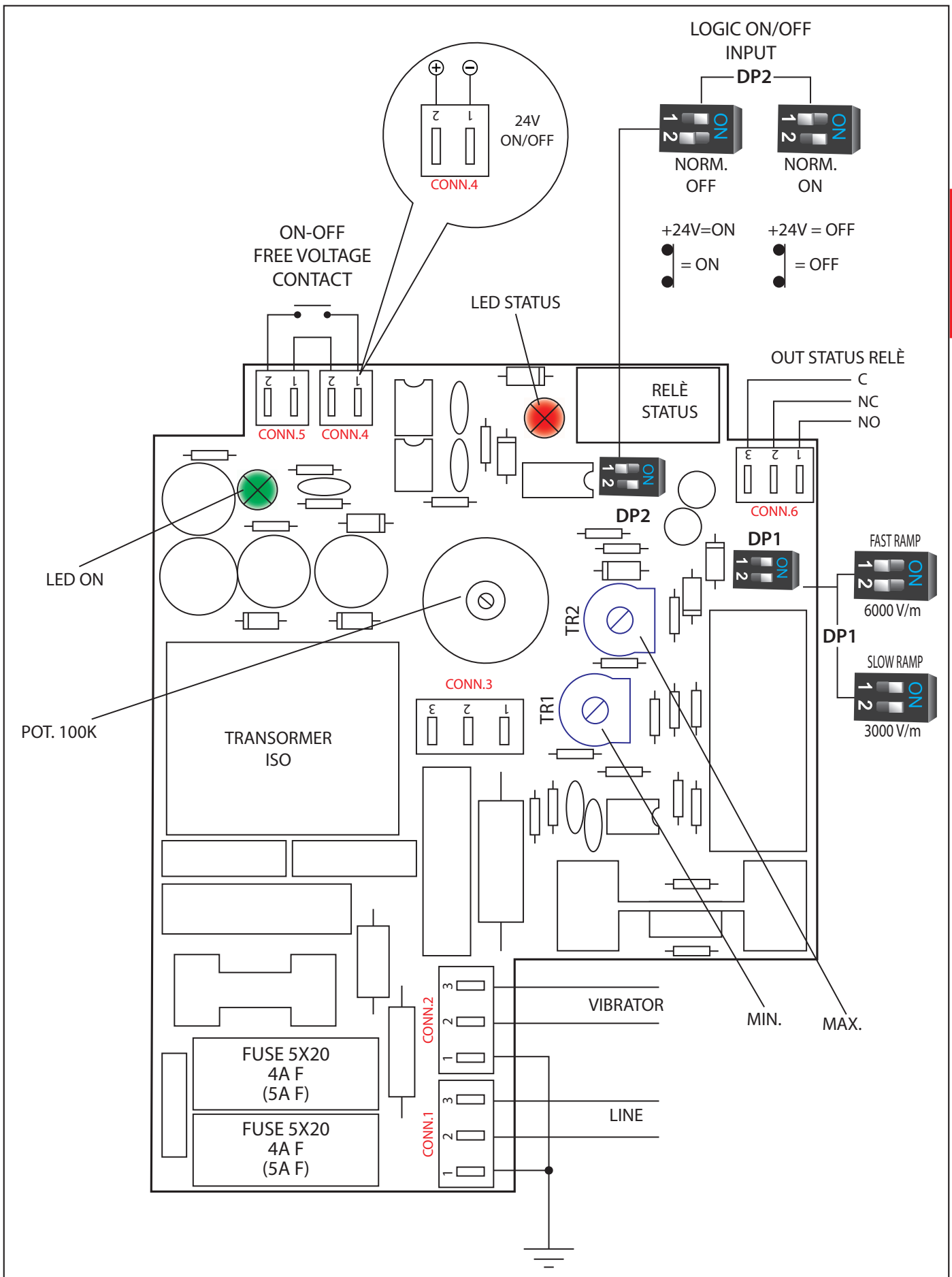
METALLIC BOX
PV R3SIS Z2 SM1
150x100x80




PLASTIC BOX
PV R3SIS Z2 STD
165x100x67



CIRCUIT
PV R3SIS A2 STD



 <p>MP ELETTRONICA QUALITY VIBRATION CONTROL</p>	Description: ELECTRONIC CIRCUIT R3FSC ISO				
	CODE	REV	DATE	DRAFTSMAN	SHEET
	DTR3FSCISO	00	02/14	E. PEDRAZZI	1/1