Electronic Controller for Electromagnetic Vibratory Feeders

R3FSC-ISO

5A | 115V 230V | STATUS RELÈ

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

Feeding Tension:	(115) 230V ± 10% – 50/60 Hz
Consumption:	1 W max
Max Current:	5A (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% (230V)
Max Regulation:	220 V - 30% (230V)
On/Off:	free voltage contact/voltage signal 0/24Vcc
Degree of Protection:	IP55 in box (IP65-NEMA 4/4X)
Temperature of Storage:	–10°C / +80°C
Temperature of Operation:	–5°C / +55°C
European Norms:	EMC CE
Guarantee:	1 year (from date on circuit)



METALLIC BOX
PV R3SIS Z2 STM
140x115x60



METALLIC BOX
PV R3SIS Z2 SM1
150x100x80



PLASTIC BOX
PV R3SIS Z2 STD
165x100x67

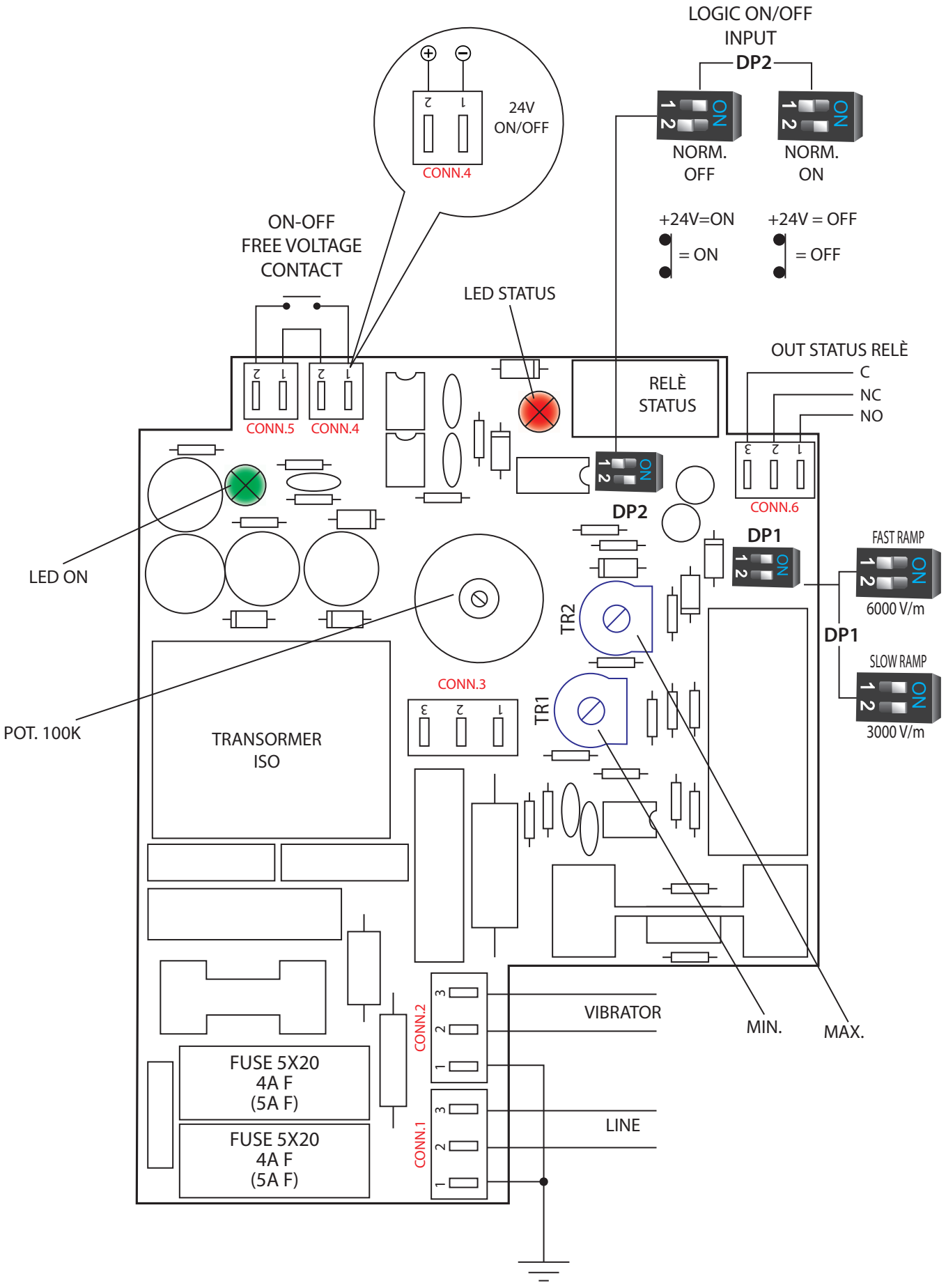


CIRCUIT
PV R3SIS A2 STD

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	

SMART-ISO



MP ELETTRONICA
QUALITY VIBRATION CONTROL

Description: **ELECTRONIC CIRCUIT R3FSC ISO**

CODE	REV	DATE	DRAFTSMAN	SHEET
DTR3FSCISO	00	02/14	E. PEDRAZZI	1/1