

Electronic Controller for Electromagnetic Vibratory Feeders

R5FC **6A** **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 6 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:	6,3 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

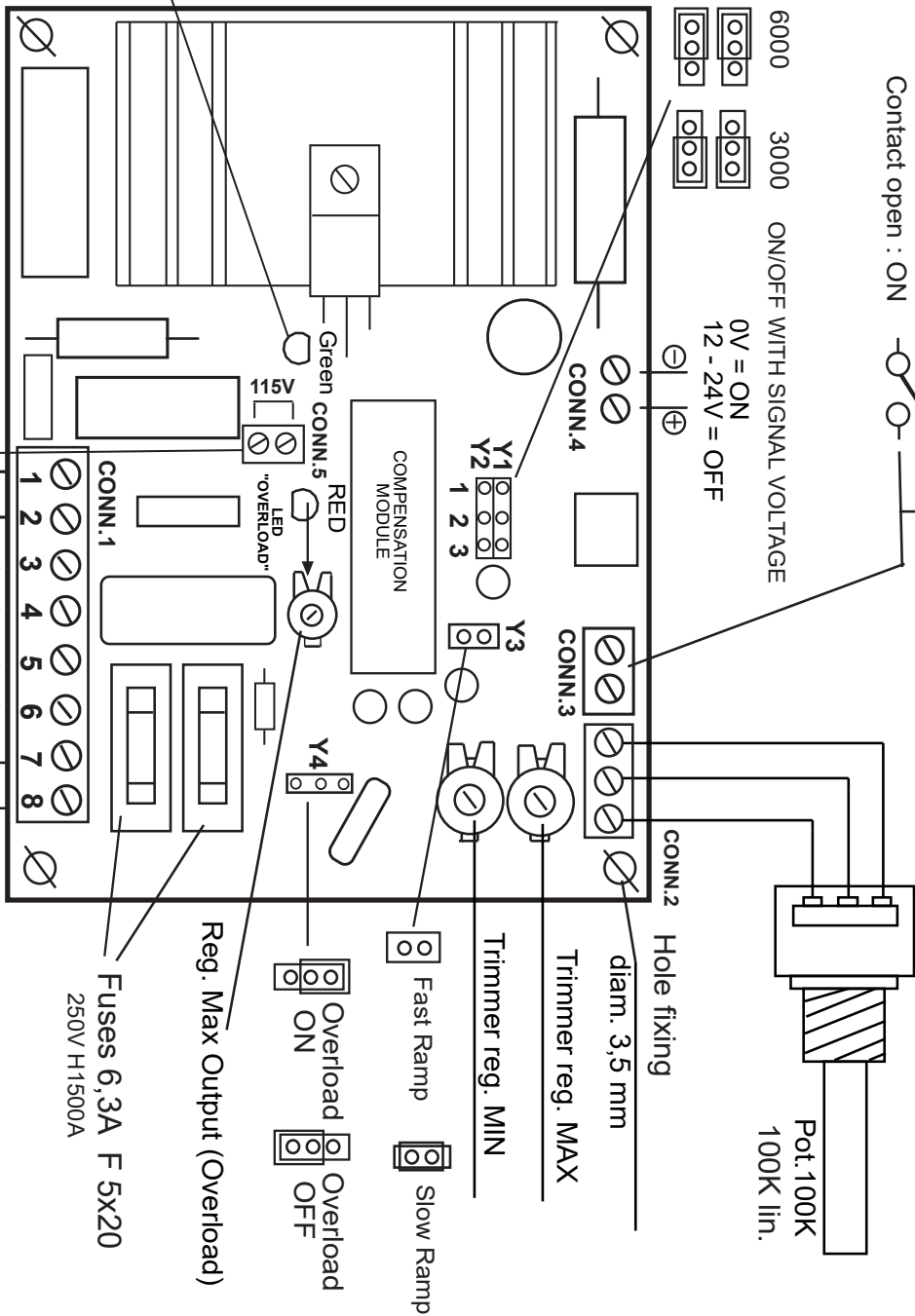
Available Versions

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	

USE CONTACTS WITHOUT VOLTAGE !



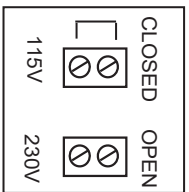
6000 3000 ON/OFF WITH SIGNAL VOLTAGE
 Jumper 1-2 : 6000 vib./min.
 Jumper 2-3: 3000 vib./min.
 0V = ON
 12 - 24V = OFF



NOTE :
 When change from 3000 to 6000 (vibration at minute) or from 6000 to 3000 to control MIN vibration.

NOTE:

If you are using the circuit (IP00) insert it and wire it in a box that could guarantee a degree of safety that complies with current European regulations and isolate the terminals of the potentiometer with the rubbers supplied. We decline any responsibility for improper use of the circuit



VIBRATOR

LINE

Dim. circuit : 122 x 92 mm.
 Measure boring : 112 x 82 mm.

SKETCH AND TECHNICAL SPECS ARE SUBJECTED TO MODIFICATION WITHOUT NOTICE

Description: CONTROL CIRCUIT R5FC (STABILIZED)



CODE	REV	DATE	DRAFTSMAN	SHEET
DTR5FC	00	02/03	E. PEDRAZZI	1/1