

Electronic Controller for Electromagnetic Vibrator

▶ **R3FC** **3/4A** **115V
230V** **IP 65**

General

Stabilized controller, compact, economic, current till to **3/4A** rms in metallic or plastic box, only circuit or circuit with support DIN35 with external potentiometer

General Characteristics

Voltage 110/230V, 50/60 Hz • 3000/6000 Vib/min • Input ON/OFF • Slow/fast ramp • Reg. vibration min/max • Led ON • Line input with schuko plug • Vibrator output with connector.

Applications

Regulation of vibrators linear and small circular vibrators till **4** Amps.

Options

Box IP65 (NEMA 4/4X) • INOX Box • Personalized label • Connector for vibrator.

Electrical Characteristis

<i>Tension of Feeding:</i>	115/230 V ± 5% – 50/60 Hz
<i>Consumption:</i>	1,5 W max
<i>Current Max:</i>	3,15A (RMS)
<i>Load Min:</i>	50 mA (RMS)
<i>Frequency of Vibration:</i>	3.000/6.000 v/min. (50 Hz) RC-AC
<i>Time of Ramp:</i>	0,2 sec. / 2 sec. (modifiable)
<i>Regulation Min.:</i>	80 V ± 30%
<i>Regulation max:</i>	220 V - 30%
<i>On/Off:</i>	free voltage contact
<i>Degree of Protection:</i>	IP55 in box (IP65-NEMA4-4X)
<i>Temperature of Storage:</i>	-15°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)



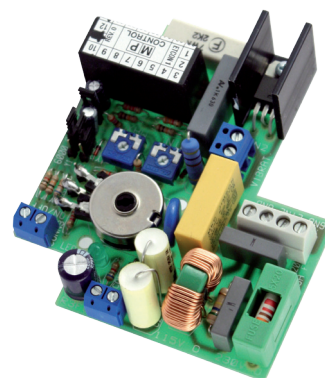
METALLIC BOX
PV R3FCX Z2 STM
100x100x50



METALLIC BOX
PV R3FCX Z2 SM1
100x100x50



PLASTIC BOX
PV R3FCX Z2 STD
100x100x50



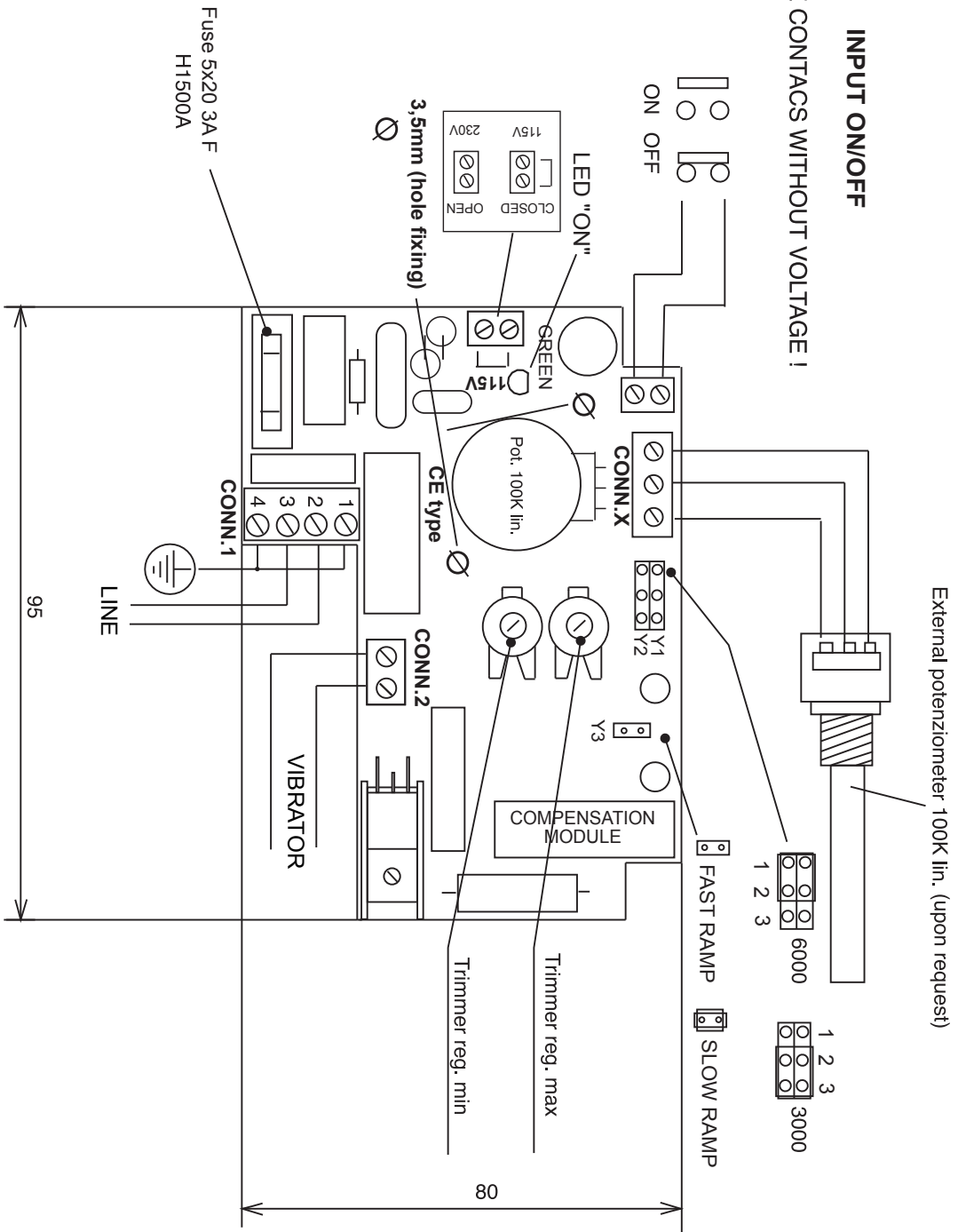
CIRCUIT
PV R3FCX A2 STD

Available Versions

Type	Box	Colour	Dimensions	Code	Price €
R3FC	Circuit		80 x 95 x 35	PV R3FCX A2 STD	
R3FC	Fire-retardant plastic	RAL 7035	100 x 100 x 50	PV R3FCX Z2 STD	
R3FC	Aluminum	RAL 7035	100 x 100 x 50	PV R3FCX Z2 STM	
R3FC/DIN	Circuit DIN35		115 x 185 x 50	PV R3FCX D2 STD	
R3FC+PRX92	+ circuit for sensor NPN/PNP		100 x 100 x 50	PV R3P92 Z2 STD	

INPUT ON/OFF

TO USE CONTACTS WITHOUT VOLTAGE !



SKETCH AND CHARACTERISTICS TECHNIQUES SUBJECT TO MODIFICATIONS WITHOUT WARNING.

NOTE :

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

NOTE :

If You are used only the electronic circuit (IP00) insert it and cable it in a container that could guarantee an excellent safety degree respecting the Normative European in force and isolate the terminals of the potenziometro with the little rubbers in endowment. Each responsibility from a wrong use of the electronic circuit is declined.

Description: CONTROL CIRCUIT R3FC (STABILIZED)

CODE	REV	DATE	DRAFTSMAN	SHEET
DTR3FC	00	02/03	E. PEDRAZZI	1/1