

## 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



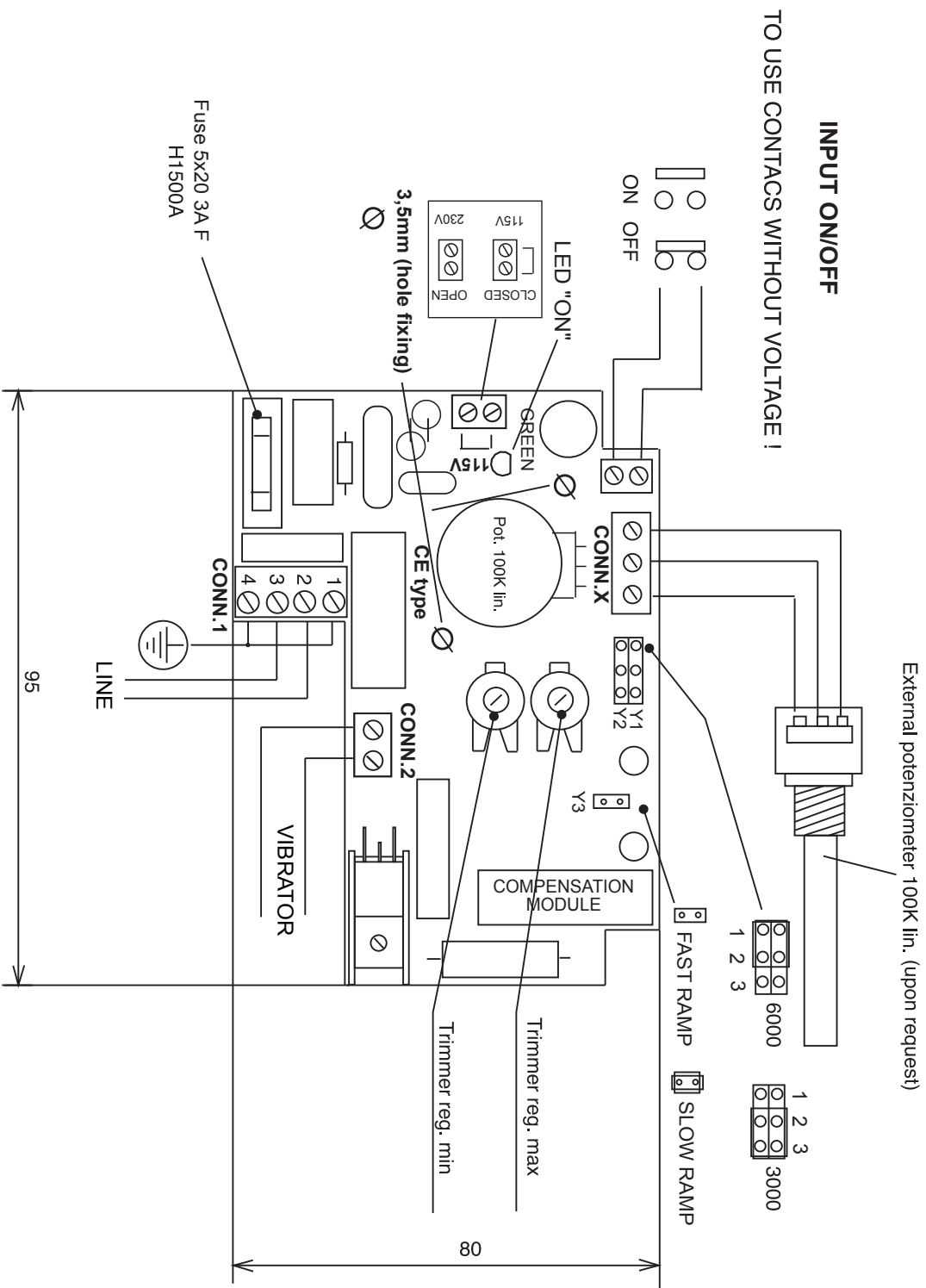
**PLASTIC BOX**  
PV R3FCX Z2 STD  
100x100x50



**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 |         |



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 potenziometer with the little rubbers in endowment. Each responsibility from a wrong use of the electronic circuit is declined.

Description: CONTROL CIRCUIT R3FC (STABILIZED)