

Electronic Controller for Electromagnetic Vibratory Feeders

R3FSC **4A** **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, 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 feeders and small bowl feeders till 4 Amps.

Options

Box IP65 (NEMA 4X) • Customized label • Connector for vibrator.

Technical Specs

Feeding Tension:	115/230 V ± 10% – 50/60 Hz
Consumption:	1,5 W max
Max Current:	4 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)



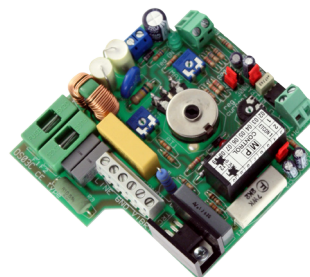
METALLIC BOX
PV R3FSC Z2 STM
140x115x60



METALLIC BOX
PV R3FSC Z2 SM1
150x100x80



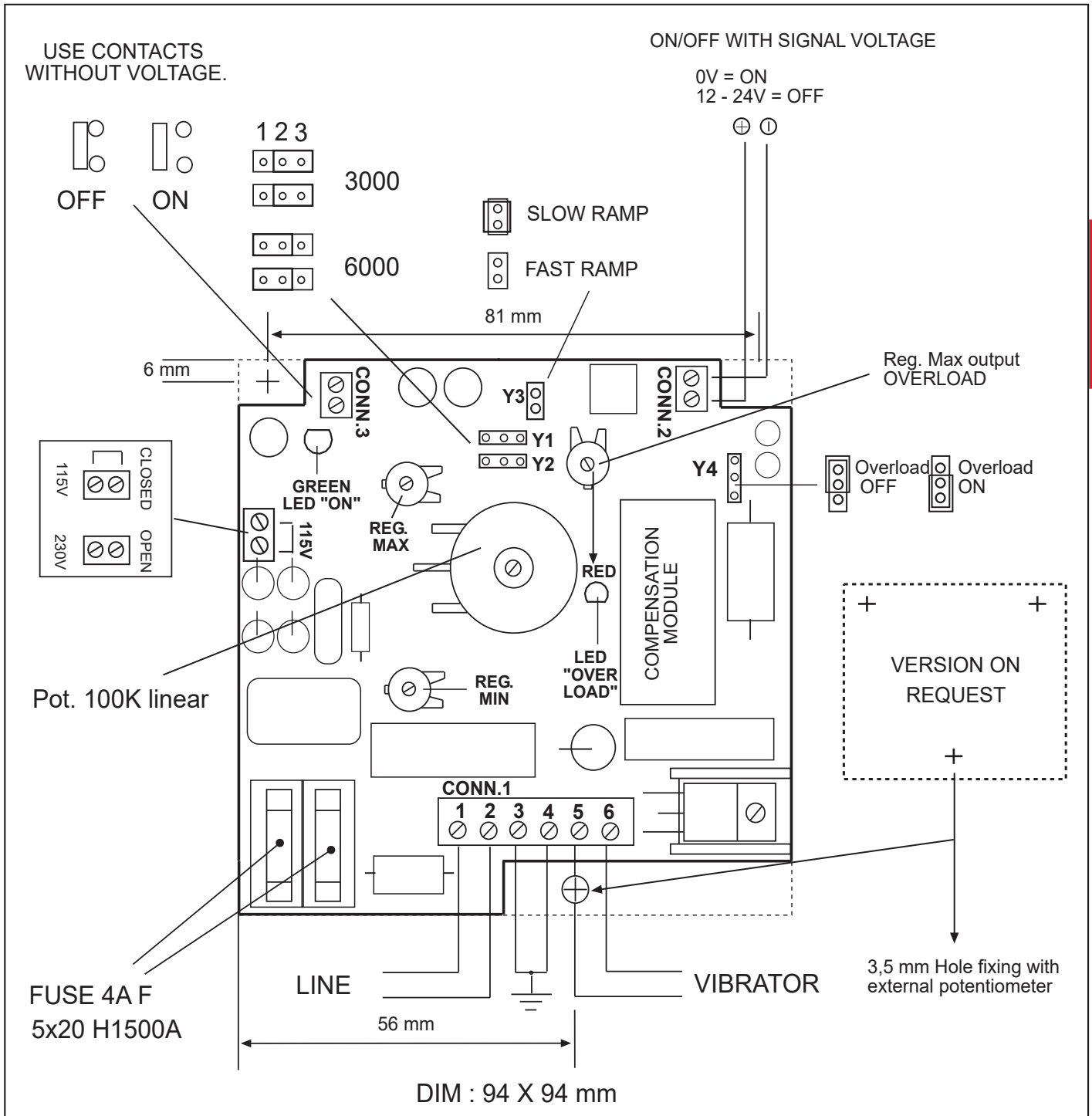
PLASTIC BOX
PV R3FSC Z2 STD
165x100x67



CIRCUIT
PV R3FSC A2 STD

Available Versions

Type	Box	Colour	Dimensions	Code	Price €
R3FSC	Circuit		94 x 94 x 35	PV R3FSC A2 STD	
R3FSC/DIN	Circuit		115 x 185 x 50	PV R3FSC D2 STD	
R3FSC	Fire-retardant plastic	RAL 7035	165 x 100 x 67	PV R3FSC Z2 STD	
R3FSC	Aluminum	RAL 7035	140 x 115 x 60	PV R3FSC Z2 STM	
R3FSC	Aluminum	RAL 7035	150 x 100 x 80	PV R3FSC Z2 SM1	



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

SKETCH AND TECHNICAL SPECS ARE SUBJECTED TO MODIFICATION WITHOUT NOTICE



Description: CONTROL CIRCUIT R3FSC STABILIZED

CODE	REV	DATE	DRAFTSMAN	SHEET
R3FSC	00	02/03	E. PEDRAZZI	1/1