

# FTR-60

## POWER SUPPLY - OPERATING MANUAL V1.0x

Man 5000542 V1.0

### INTRODUCTION

Regulated and insulated switching power supply, targeted to supply voltage to industrial electrical devices.

### SPECIFICATIONS

- **Input Voltage (INPUT):** 100~240 Vac / 120~350 Vdc / 50~60 Hz
- **Output Voltage (OUTPUT):** 24 Vdc / 2,5 A
- **Output Voltage Adjustment range.**
- **Accuracy:** +/- 2 %
- **Output Power:** 60 W
- **Input/Output Isolation:** 600 V
- **Protection:** IP40
- **Operating Environment:** -20 to 50 °C
- **Humidity Environment:** 20 to 90 % UR
- **Installation:** DIN rail of 35 mm
- **Connection wire cross section:** 0,14 to 1,5 mm<sup>2</sup>
- **Screw tightening torque:** 0,8 Nm
- **Weight:** 300 g
- **Terminals covering in polyamide.**
- **Short-circuit protection,**
- **Overload and overvoltage protection.**
- **Indoor use.**

### INSTALLATION

The FTR power supply is designed for DIN rail mounting, inside electrical panel. Avoid excessive vibration, humidity, temperature and electromagnetical interference.

#### Recommendations for Installation

- Input signal wires should be laid out away from power lines and preferably inside grounded conduits.
- Instrument mains (line) supply should be suitable for this purpose and should not be shared.
- In controlling and monitoring applications, possible consequences of any system failure must be considered in advance. The internal alarm relay does not warrant total protection.
- RC filters (47 R and 100 nF, serial) are highly recommended for valve and contactor coils, etc.

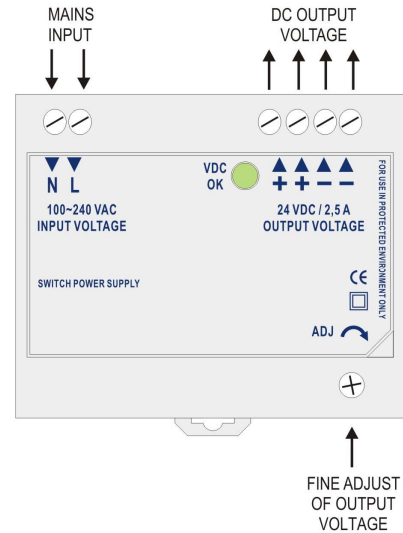


Figure 1 – Electrical connections

### WARRANTY

This product is covered by a 12-month warranty provided the purchaser presents the sales receipt and the following conditions are met:

- The one year warranty begins on the day of shipment as stated on the sales bill.
- During the warranty period all costs of material and labor will be free of charge provided that the instrument does not show any evidence of misuse.
- For maintenance, return the instrument with a copy of the sales bill to our factory. All transportation and insurance costs should be covered by the owner of the equipment.
- Should any sign of electrical or mechanical shock, abuse, bad handling or misuse be evident the warranty voids and maintenance costs will be charged.

### Product sold by Novus Automation.

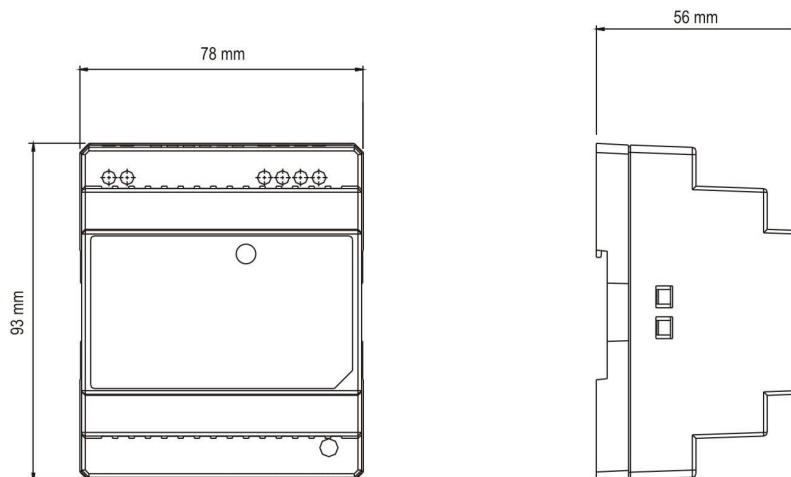


Figure 2 – Dimensions