

FX-10PSU AND FX-20PSU DC POWER SUPPLY UNIT

USER'S GUIDE

Introduction

The power supply units FX-10PSU and FX-20PSU provide 24V DC power to sensors and other general devices from an AC source.

General Specification

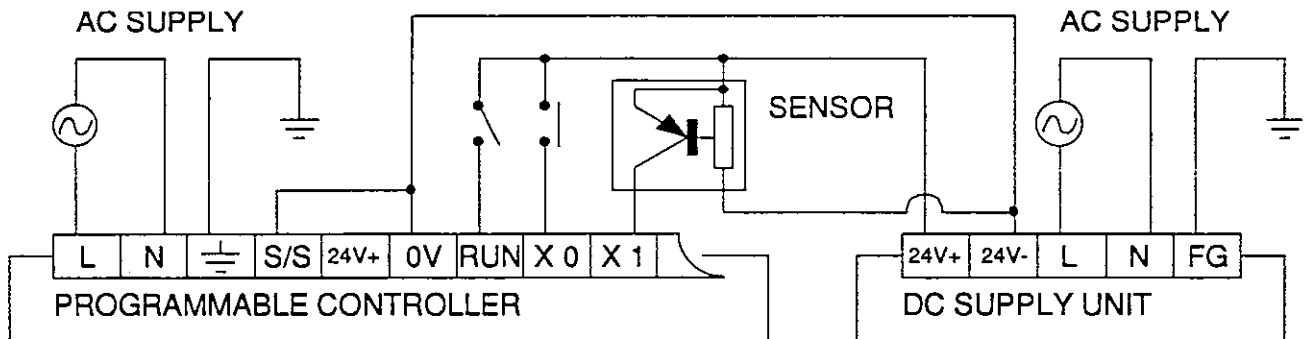
Ambient Operating Temperature	0-55°C
Ambient Operating Humidity	35-85% Relative Humidity, no condensation
Noise Immunity	Noise Simulation Test: 1000V square pulse, 1µs pulse width, 30 to 100Hz frequency sweep
Maximum Dielectric Voltage Withstood	Programmable controller I/O and power terminals subjected to 1500VAC for 1 minute
Required Operating Environment	No corrosive gases present, minimal dust
External Dimensions	FX-10PSU : 45 × 140 × 95mm (1.77 × 5.51 × 3.74 inches) FX-20PSU : 73 × 140 × 95mm (3.07 × 5.51 × 3.74 inches)

Electrical Specification

	FX-10PSU	FX-20PSU
INPUT SOURCE	85 to 264V AC 50/60 Hz	
FUSE	3A	5A
EARTHING	Earth should be Class 3 earthing (<100Ω).	
OVERLOAD PROTECTION	110 to 220% cut back (auto-reset)	
OUTPUT VOLTAGE	24V DC ± 10%	
OUTPUT CURRENT	1A	2A

Example Input Connection Diagram

Source Inputs



Sink Inputs

