

Schneider Series Service Manual

TSXSUP1011

1. Description

The Schneider Electric TSXSUP1011 is a versatile power supply belonging to the TSX Micro PLCs series, designed to accommodate various applications. It operates effectively at an input voltage of 24 V AC/DC, supplying a steady output current of 1A while ensuring protection against overload and short circuits.

2. Specifications

Specification	Value
Manufacturer	Schneider Electric
Product	Type Power Supply
Product	Line TSX Micro PLCs
Part	Number TSXSUP1011
Weight	1.88 lbs (0.85 kg)
Input	Voltage 24 V AC/DC
Output	Current 1A
Protection	Overload & short-circuit
Storage	Temperature -25 to 85°C
Output	Voltage 24 V DC
Frequency	Range 50/60 Hz (AC input)
Mounting	DIN rail
Power	Type Linear/regulated
Operating	Temperature 0 to 60°C
Marking	CE
Configuration	Standalone
LED	Indicator Power status
Housing	Enclosed

3. Product Information

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Technical specifications for TSXSUP1011

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Product Type Power Supply

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Operating Temperature 0 to 60°C

Marking CE

Configuration Standalone

LED Indicator Power status

Housing Enclosed

Description

The TSXSUP1011 model from Schneider Electric is a power supply specifically crafted for the TSX Micro PLCs series. This unit efficiently accepts input voltage in the form of 24 V AC or DC, providing a stable output of 24 V DC with a maximum output current of 1A. To enhance operational reliability, the power supply is equipped with protection mechanisms against overload and short circuits.

The design allows it to function optimally across a temperature range of 0 to 60°C, while it can endure storage temperatures as low as -25°C and up to 85°C. It supports a frequency range of 50/60 Hz for AC inputs, accommodating various installation scenarios.

Weighing only 0.5 kg, the power supply is lightweight and ideally suited for DIN rail mounting, facilitating easy installation in various environments. The unit is enclosed in a protective housing, ensuring durability and reliability during operation. Additionally, it features an LED indicator that enables users to monitor the power status effectively. The certification mark of CE underscores its compliance with applicable standards, solidifying its credibility within the industry. The TSXSUP1011 power supply is structured for standalone configuration, offering flexibility in deployment across numerous applications.