

Schneider Series Service Manual

TSXFPC10

1. Description

The TSXFPC10 is a specialized interface board designed for FIPWAY and FIPIO connectivity. This board operates within an ISA bus framework and is appropriate for handling a wide range of addresses.

2. Specifications

Specification	Value
Manufacturer	Schneider Electric
Product	Type FIPWAY/FIPIO Interface Board
Product	Line TSX Micro PLCs
Part	Number TSXFPC10
Weight	1.00 lbs (0.45 kg)
Bus	Type ISA (Industry Standard Architecture)
Network	Address Range 0 to 127
Station	Address Range 0 to 63
I/O	Address Range Configurable
Interrupt	Request (IRQ) Level Configurable
DMA	Channel Configurable
Communication	Protocols FIPWAY, FIPIO
Physical	Dimensions 80.96 x 106.68 x 12.7 (mm)
Power	Supply 5V DC from the ISA bus
Temperature	Range 0°C to 60°C (operating)
Humidity	Range 10% to 90% non-condensing
LED	Indicators Status LEDs for communication and power
Compliance	CE, UL, and CSA certifications

3. Product Information

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Technical specifications for TSXFPC10

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Product Type FIPWAY/FIPIO Interface Board

Product Line TSX Micro PLCs

Part Number TSXFPC10

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Bus Type ISA (Industry Standard Architecture)

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Interrupt Request (IRQ) Level Configurable

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Communication Protocols FIPWAY, FIPIO

Physical Dimensions 80.96 x 106.68 x 12.7 (mm)

Power Supply 5V DC from the ISA bus

Temperature Range 0°C to 60°C (operating)

Humidity Range 10% to 90% non-condensing

LED Indicators Status LEDs for communication and power

Compliance CE, UL, and CSA certifications

Description

The TSXFPC10 interface board by Schneider Electric is crafted specifically for FIPWAY and FIPIO networks. Utilizing the ISA (Industry Standard Architecture) bus type, it allows integration into established systems seamlessly. The network address range spans from 0 to 127, enabling extensive communication capabilities. Additionally, it supports a station address range of 0 to 63.

Configuration options are a key feature, with the ability to adjust I/O address ranges, IRQ levels, and DMA channels to fit specific application needs. This flexibility ensures that the board can adapt to various operational requirements. Operating temperatures should be maintained between 0°C and 60°C, ensuring optimal functionality, while the humidity range allows operation in conditions from 10% up to 90% without condensation.

Physical dimensions are compact at 80.96 mm x 106.68 mm x 12.7 mm, making the TSXFPC10 easy to integrate into existing setups. Power is supplied through the ISA bus with a 5V DC requirement. The presence of status LEDs facilitates monitoring of both communication and power status, adding to the usability of the board. Additionally, the TSXFPC10 complies with CE, UL, and CSA standards, affirming its reliability and safety for use in various environments.