Schneider □□□ Series Service Manual

TSXP572634

1. Description

The Schneider Electric TSXP572634 is a Unity processor designed for versatile automation applications. It supports a substantial capacity for discrete I/O of up to 1024 and can handle 80 analogue I/O inputs and outputs as well.

2. Specifications

Specification	Value
Manufacturer	**Schneider Electric**
Product	**Line Modicon**
Part	**Number TSXP572634**
Product	**Unity processor**
Discrete	**I/O processor capacity 1024 I/O**
Analogue	**I/O processor capacity 80 I/O**
Port	**Ethernet 10BASE-T/100BASE-TX**
Current	**consumption 1650 mA 5 V DC**
Module	**format Double**
Ambient	**air temperature for operation 0 to 60 °C**
Ambient	**air temperature for storage -25 to 70 °C**
IP	**degree of protection IP20**
Number	**of racks 8 racks (12 slots) / 16 racks (4/6/8 slots)**
Number	**of slots <= 128**

3. Product Information

The Schneider Electric TSXP572634 is a Unity processor designed for versatile automation applications. It supports a substantial capacity for discrete I/O of up to 1024 and can handle 80 analogue I/O inputs and outputs as well.

Technical specifications for TSXP572634

Manufacturer Schneider Electric

Product Line Modicon

Part Number TSXP572634

Product Unity processor

Discrete I/O processor capacity 1024 I/O

Analogue I/O processor capacity 80 I/O

Port Ethernet 10BASE-T/100BASE-TX

Current consumption 1650 mA 5 V DC

Module format Double

Ambient air temperature for operation 0 to 60 °C

Ambient air temperature for storage -25 to 70 °C

IP degree of protection IP20

Number of racks 8 racks (12 slots) / 16 racks (4/6/8 slots)

Number of slots <= 128

Description

The TSXP572634 from Schneider Electric is a Unity processor used in advanced control systems. This unit accommodates a significant parameter for discrete I/O, allowing connections for up to 1024 discrete inputs and outputs. It also caters to 80 analogue I/O points, making it suitable for diverse instrumentation tasks. The module features Ethernet connectivity with both 10BASE-T and 100BASE-TX options, ensuring reliable data transmission.

With a current consumption requirement of 1650 mA at 5 V DC, it provides a robust power profile for intensive applications. This processor is configured in a double module format, which optimizes its space and connectivity in a rack. Weighing only 0.042 kg, it is lightweight, facilitating ease of installation.

Operationally, the TSXP572634 functions efficiently in ambient temperatures ranging from 0 to 60 °C. For storage, it can withstand conditions between -25 to 70 °C, ensuring durability in various environments. The device is assigned an IP20 degree of protection, suitable for indoor use.

The processor supports a flexible system design, capable of managing up to 8 racks with 12 slots each or 16 racks in configurations featuring 4, 6, or 8 slots. In total, it can accommodate up to 128 slots, giving users extensive scalability for their automation needs.