

Schneider Series Service Manual

TSXMRPC001M

1. Description

The TSXMRPC001M by Schneider Electric serves as SRAM memory tailored for TSX Micro PLCs. It provides an adjustable memory capacity ranging from 192 kB to 1024 kB, suitable for various applications.

2. Specifications

Specification	Value
Manufacturer	Schneider Electric
Product	Line TSX Micro PLCs
Part	Number TSXMRPC001M
EAN	3595862065023
Weight	1.00 lbs (0.45 kg)
Environmental	Compliance Pro-active compliance with European Union RoHS directive
Operating	Temperature 0 to 60 °C (32 to 140 °F)
Storage	Temperature -25 to 70 °C (-13 to 158 °F)
Relative	Humidity 5 to 95% non-condensing
Shock	Resistance 15 gn for 11 ms
Vibration	Resistance 1.5 mm peak to peak (f = 3...13 Hz)
Installation	Slot Slot 0
Product	Compatibility Compatible with TSX57C, TSX570 to TSX576, TSXPCI572/3
Memory	Type SRAM
Memory	Capacity 192 to 1024 kB application
Product	or Component Type SRAM memory
Accessory/Separate	Part Designation Configurable SRAM application/file memory extension

3. Product Information

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Technical specifications for TSXMRPC001M

Manufacturer Schneider Electric

Product Line TSX Micro PLCs

Part Number TSXMRPC001M

EAN 3595862065023

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Vibration Resistance 1.5 mm peak to peak (f = 3...13 Hz)

Installation Slot Slot 0

Product Compatibility Compatible with TSX57C, TSX570 to TSX576, TSXPCI572/3

Memory Type SRAM

Memory Capacity 192 to 1024 kB application

Product or Component Type SRAM memory

Accessory/Separate Part Designation Configurable SRAM application/file memory extension

Description

The Schneider Electric TSXMRPC001M is a dedicated SRAM memory module for TSX Micro PLC systems. Compact in size, it has net dimensions of 2.6 cm by 9.1 cm by 13.2 cm. This lightweight component weighs 0.168 lbs. (0.076 kg), making it easy to handle and install. Its package, which weighs 3.03 oz (85.9 g), ensures minimal impact on overall system weight.

This memory module complies with the EU RoHS directive, demonstrating a commitment to environmental safety and regulation adherence. It operates effectively at temperatures ranging from 0 to 60 °C (32 to 140 °F), which ensures flexible deployment in various operational settings. For storage, it withstands -25 to 70 °C (-13 to 158 °F). Relative humidity conditions between 5 to 95% without condensation are also permissible.

In terms of durability, the TSXMRPC001M exhibits impressive physical resilience. It can withstand 15 gn of shock for 11 milliseconds and vibration resistance of up to 1.5 mm peak to peak at 3 to 13 Hz frequencies. Designed for installation in Slot 0, it is compatible with several products, including TSX57C, TSX570 to TSX576, and TSXPCI572/3.

This SRAM memory offers a flexible capacity of 192 kB to 1024 kB, allowing users to select the appropriate size based on their application needs. As a modular component, it also serves as a configurable SRAM application or file memory extension, efficiently enhancing system capabilities.

Range of Product

Modicon Premium Automation platform

Accessory / separate part designation

Configurable SRAM application/file memory extension

Accessory / Separate Part Type

Memory extension

Product or Component Type

SRAM memory

Accessory / separate part category

Separate parts

Accessory / separate part destination

Processor

Complementary

Product Compatibility

TSX57C.

TSX570. to TSX576.

TSXPCI572./3.

Memory type

SRAM

Memory capacity

192...1024 kB application

832...0 kB data storage

Slot

Slot 0

Net Weight

0.168 lb(US) (0.076 kg)

Ordering and shipping details

Category

US1PC2222558

Discount Schedule

PC22

GTIN

3595862065023

Returnability

No