

Schneider Series Service Manual

TSXMRPC007M

1. Description

The TSXMRPC007M from Schneider Electric is a compact and reliable memory module designed for the TSX Micro PLCs. A flash memory capacity of 512 KB ensures efficient storage while retaining data for up to 10 years.

2. Specifications

Specification	Value
Manufacturer	Schneider Electric
Product	Line TSX Micro PLCs
Part	Number TSXMRPC007M
EAN	3595862064552
Weight	1.00 lbs (0.45 kg)
Memory	Capacity 512 KB
Memory	Type Flash memory
Compatibility	Compatible with Schneider Electric TSX Micro PLCs
Operating	Temperature 0°C to 60°C
Storage	Temperature Range -25°C to 70°C
Humidity	5% to 95% non-condensing
Shock	Resistance 15 g for 11 ms
Vibration	Resistance 1.5 mm peak-to-peak from 3 Hz to 13 Hz
Mounting	Type DIN rail mounting
Power	Consumption 0.5 W
Data	Retention 10 years
Write	Endurance 100,000 write cycles
Certifications	CE, UL, CSA

3. Product Information

The TSXMRPC007M from Schneider Electric is a compact and reliable memory module designed for the TSX Micro PLCs. A flash memory capacity of 512 KB ensures efficient storage while retaining data for up to 10 years.

Technical specifications for TSXMRPC007M

Manufacturer Schneider Electric

Product Line TSX Micro PLCs

Part Number TSXMRPC007M

EAN 3595862064552

Weight 1.00 lbs (0.45 kg)

Memory Capacity 512 KB

Memory Type Flash memory

Compatibility Compatible with Schneider Electric TSX Micro PLCs

Operating Temperature 0°C to 60°C

Storage Temperature Range -25°C to 70°C

Humidity 5% to 95% non-condensing

Shock Resistance 15 g for 11 ms

Vibration Resistance 1.5 mm peak-to-peak from 3 Hz to 13 Hz

Mounting Type DIN rail mounting

Power Consumption 0.5 W

Data Retention 10 years

Write Endurance 100,000 write cycles

Certifications CE, UL, CSA

Description

The Schneider Electric TSXMRPC007M is a flash memory expansion module crafted with TSX Micro PLCs. It offers a generous memory capacity of 512 KB to support various automation tasks. Operating temperatures range from 0°C to 60°C, while storage temperatures can drop to -25°C and reach up to 70°C.

Designed to withstand specific environmental challenges, this module features a humidity tolerance of 5% to 95%, maintaining function in non-condensing conditions. It ensures durability through shock resistance rated at 15 g for 11 milliseconds and can tolerate vibrations with a peak-to-peak movement of 1.5 mm from 3 Hz to 13 Hz.

Measuring a compact size of 35 mm x 90 mm x 60 mm, this module is lightweight at only 0.1 kg, making it suitable for applications with space constraints. The TSXMRPC007M employs DIN rail mounting, enabling straightforward installation within control panels.

Its low power consumption of just 0.5 watts enhances its efficiency in various setups. This module's data retention spans up to 10 years. With a write endurance rated for 100,000 cycles, it ensures reliability for frequent data updates. Additionally, it meets several industry certifications, including CE, UL, and CSA, confirming its adherence to rigorous standards.

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...7168 kB application

6976...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

3595862064552

Returnability

No

Packing Units

Unit Type of Package 1

PCE

Nbr. of units in pkg.

1

Package 1 Height

1.0 in (2.5 cm)

Package 1 Width

3.5 in (9.0 cm)

Package 1 Length

5.1 in (13.0 cm)

Package weight(Lbs)

3.0 oz (85.0 g)