

Schneider Series Service Manual

TSXRKY8EX

1. Description

The Schneider Electric TSXRKY8EX is an extendable rack tailored for industrial use. It offers 8 slots for various modules and is compatible with I/O devices, TSXP57 processors, and specific application modules.

2. Specifications

Specification	Value
Manufacturer	Schneider Electric
Product	Line Modicon
Part	Number TSXRKY8EX
EAN	3389110874631
Weight	3.19 lbs (1.45 kg)
Type	Extendable rack
Depth	160 mm
Number	of Slots 8
Compatibility	Designed for I/O modules, TSXP57 processors, specific application modules, and TSXPSY power supplies
Electrical	Connections 2 female SUB-D 9 connectors for remote connection of bus X
Protection	Rating IP20
Width	335.3 mm
Mounting	Type Suitable for panel mounting
Operating	Temperature Typically operates within industrial temperature ranges
Storage	Temperature Typically stored in controlled environments
Height	151.5 mm

3. Product Information

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Technical specifications for TSXRKY8EX

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Product Line Modicon

Part Number TSXRKY8EX

EAN 3389110874631

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Number of Slots 8

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Electrical Connections 2 female SUB-D 9 connectors for remote connection of bus X

Protection Rating IP20

Width 335.3 mm

Mounting Type Suitable for panel mounting

Operating Temperature Typically operates within industrial temperature ranges

Storage Temperature Typically stored in controlled environments

Height 151.5 mm

Description

The TSXRKY8EX from Schneider Electric is an extendable rack built for specific industrial functionalities. With a design accommodating 8 slots, it serves as a platform for I/O modules, TSXP57 processors, and dedicated application modules, along with TSXPSY power supplies, ensuring versatile operational capabilities.

This rack measures 335.3 mm wide, 151.5 mm high, and has a depth of 160 mm. Its weight is approximately 1.78 kg, making it manageable during installation and integration. For connectivity, it houses two female SUB-D 9 connectors, facilitating remote bus X connections.

Given its IP20 protection rating, the TSXRKY8EX is designed for environments where access to electrical components is limited. The maintenance of typical operating temperatures aligns with industrial practices, whereas the rack's storage is advisable in controlled conditions to preserve functionality. Furthermore, this unit is suitable for panel mounting, promoting efficient space utilization.

Range of Product

Modicon Premium Automation platform

Product or Component Type

Extendable rack

Product Specific Application

For multi-racks configuration

Complementary

Number of slots

8

Product Compatibility

I/O module

Specific application module

TSXP57 processor

TSXPSY power supply

Electrical connection

2 connectors female SUB-D 9 remote connection of bus X)

Fixing mode

By 4 M6 screws (panel)

By clips (35 mm symmetrical DIN rail)

Marking

CE

Net Weight

3.92 lb(US) (1.78 kg)

Environment

Standards

89/336/EEC

93/68/EEC

73/23/EEC

CSA C22.2 No 142

CSA C22.2 No 213 Class I Division 2 Group C

UL 508

92/31/EEC

CSA C22.2 No 213 Class I Division 2 Group A

CSA C22.2 No 213 Class I Division 2 Group B

IEC 61131-2

CSA C22.2 No 213 Class I Division 2 Group D

Product Certifications

RMRS

ABS

RINA

DNV

GL

BV

LR

Ambient Air Temperature for Operation

32...140 °F (0...60 °C)

Ambient Air Temperature for Storage

-13...158 °F (-25...70 °C)

Relative Humidity

10...95 % without condensation for operation

5...95 % without condensation for storage

Operating altitude

0...6561.68 ft (0...2000 m)

Protective treatment

TC

IP Degree of Protection

IP20

Pollution degree

2

Ordering and shipping details

Category

22558-TSX PREMIUM, ATRIUM & PL7 PRO

Discount Schedule

PC22

GTIN

3389110874631

Returnability

No

Country of origin

FR

Packing Units

Unit Type of Package 1

PCE

Nbr. of units in pkg.

1

Package 1 Height

2.2 in (5.5 cm)

Package 1 Width

8.3 in (21.0 cm)

Package 1 Length

16.5 in (42.0 cm)

Package weight(Lbs)

3.596 lb(US) (1.631 kg)