

Product data sheet

Specifications

Extendable rack, Modicon Premium, for multi racks configuration, 8 slots



TSXRKY8EX

⚠ Discontinued on: Dec 2, 2020

⚠ To be end-of-service on: Dec 31, 2026

⚠ Discontinued - Service only

Main

| | |
|------------------------------|-------------------------------------|
| 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 |

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

| | |
|-------------------------|------|
| 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) |
|---------------------|-------------------------|

Contractual warranty

| | |
|----------------------|----|
| Warranty (in months) | 18 |
|----------------------|----|



Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

Use Longer



Lifetime extension

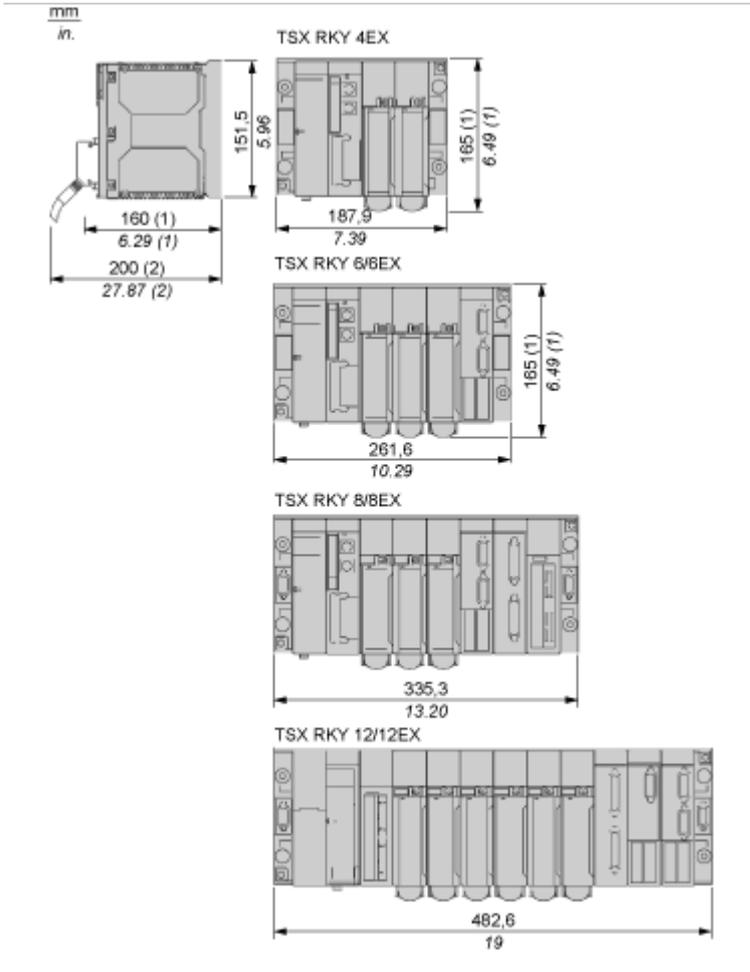
Repair

No

Dimensions Drawings

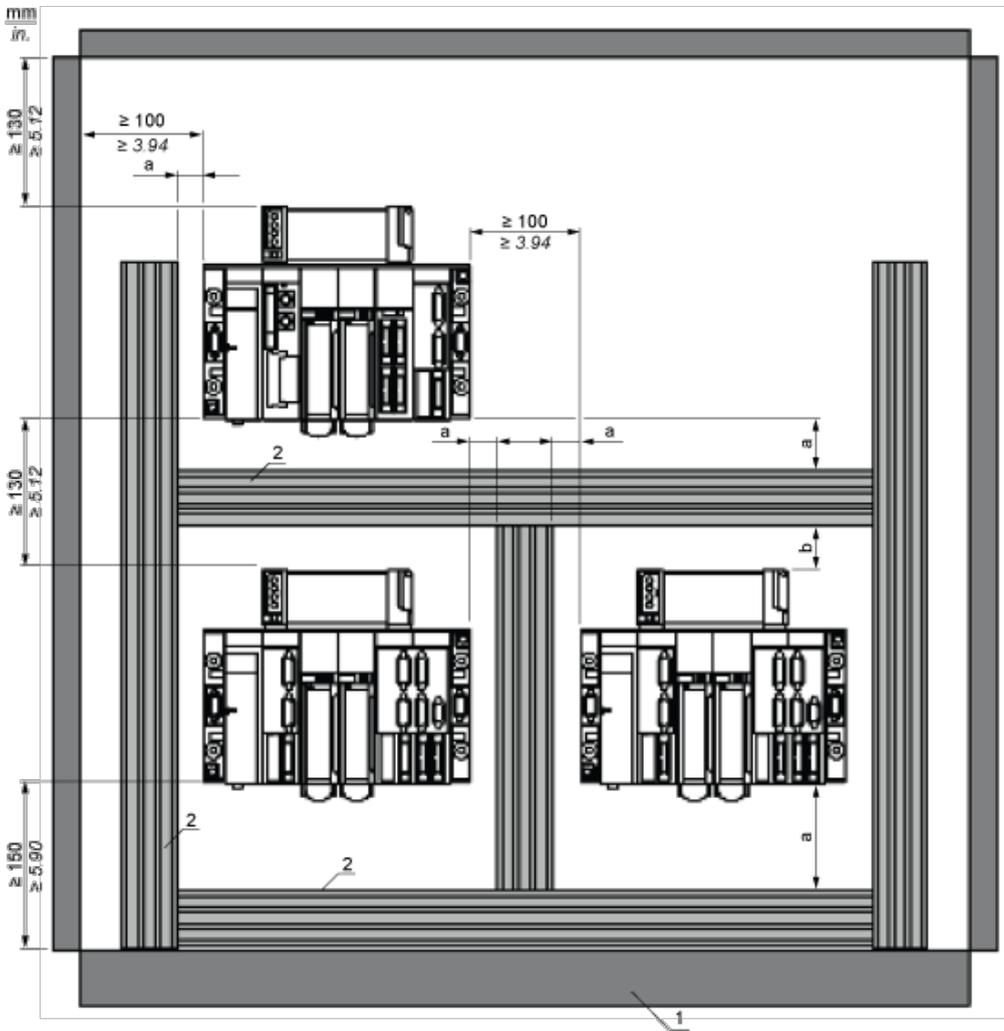
Standard and Extendable Racks for Modules Mounting

Dimensions of Modules and Racks



- (1) With screw terminal block modules.
- (2) Maximum depth for all types of modules and their associated connectors.

Rules for Installing Racks Fitted with Ventilation Modules

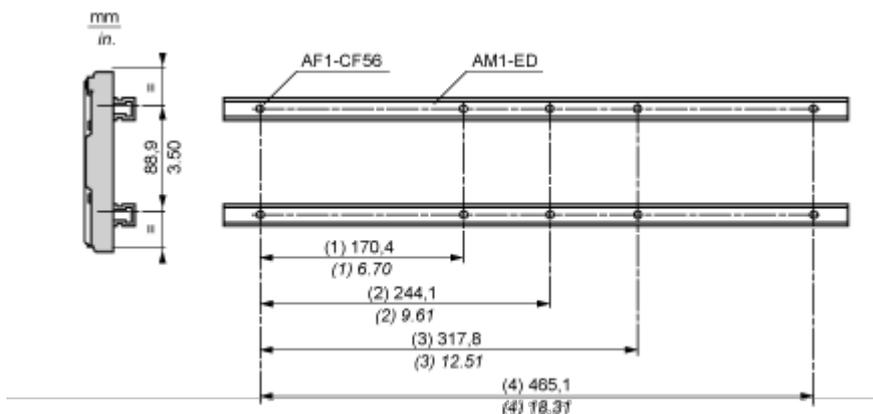


- a 50 mm / 1.97 in.
- b 30 mm / 1.18 in.
- 1 Installation or casing
- 2 Trough or cable tray

Mounting and Fixing Racks

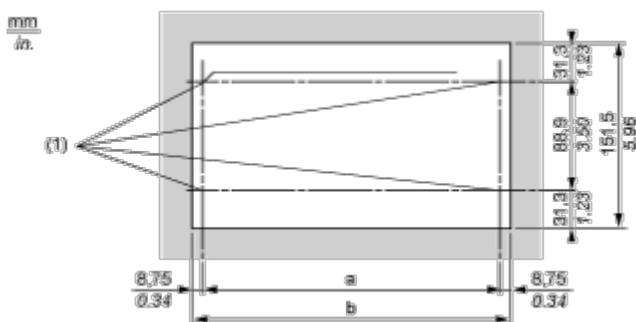
Mounting on a 35 mm/1.38 in. Wide DIN Rail

Fixing with four M6x25 screws + washers and AF1-CF56 ¼ turn sliding nuts.



- (1) TSXRKY4EX
- (2) TSXRKY6 and TSXRK6EX
- (3) TSXRKY8 and TSXRKY8EX
- (4) TSXRKY12 and TSXRKY12EX

Mounting on a Panel

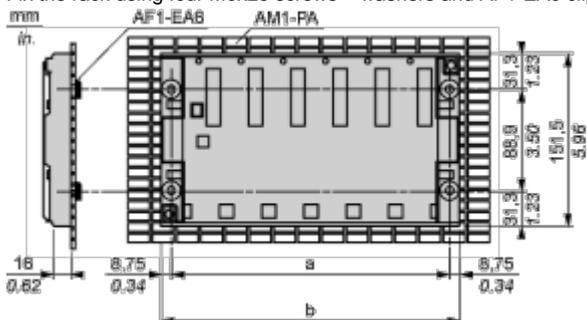


- (1) 4 holes for M6 fixing screws

a, b: see table below

Mounting on an AM1-PA Telequick Mounting Grid

Fix the rack using four M6x25 screws + washers and AF1-EA6 clips nuts.



| Racks | a in mm | a in in. | b in mm | b in in. |
|-------------|---------|----------|---------|----------|
| TSXRKY4EX | 170.4 | 6.70 | 187.9 | 7.39 |
| TSXRKY6/6EX | 244.1 | 9.61 | 261.6 | 10.29 |

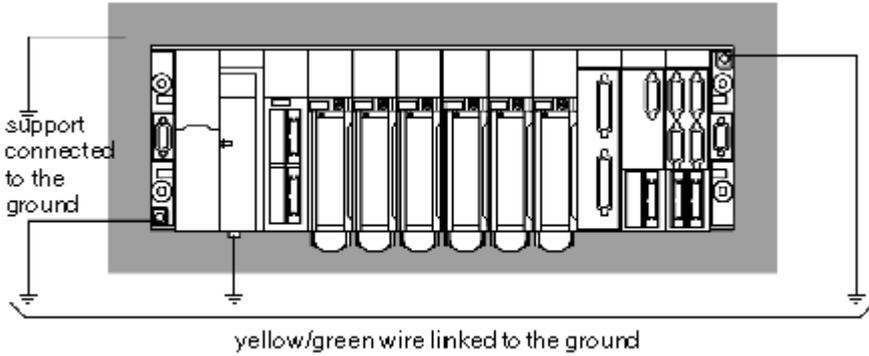
| Racks | a in mm | a in in. | b in mm | b in in. |
|---------------|---------|----------|---------|----------|
| TSXRKY8/8EX | 317.8 | 12.51 | 335.3 | 13.20 |
| TSXRKY12/12EX | 465.1 | 18.31 | 482.6 | 19 |

NOTE: Maximum tightening torque for fixing screws: 2.0.N.m.(1.6 Lb.-ft.)

Connections and Schema

Connection to the Ground

Grounding Racks



NOTE: The PLC's internal 0 V is linked to the ground connection, the ground connection itself being linked to ground.