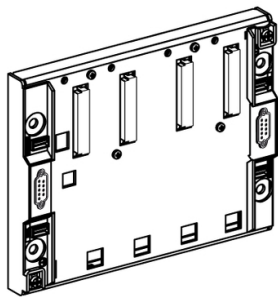


Product data sheet

Specifications



Extendable rack, Modicon Premium, for multi racks configuration, 4 slots

TSXRKY4EX

⚠ Discontinued on: Dec 2, 2020

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

⚠ Discontinued - Service only

Product availability: Non-Stock - Not normally stocked in distribution facility

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	4
Product Compatibility	I/O module TSXPSY power supply TSXP57 processor Specific application module
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
Product Weight	2.56 lb(US) (1.16 kg)

Environment

Standards	89/336/EEC CSA C22.2 No 213 Class I Division 2 Group D CSA C22.2 No 213 Class I Division 2 Group A CSA C22.2 No 213 Class I Division 2 Group B CSA C22.2 No 142 UL 508 93/68/EEC IEC 61131-2 92/31/EEC 73/23/EEC CSA C22.2 No 213 Class I Division 2 Group C
Product Certifications	RMRS BV ABS RINA LR DNV GL
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)

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

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Protective treatment	TC
IP Degree of Protection	IP20
Pollution degree	2

Ordering and shipping details

Category	US1PC2222558
Discount Schedule	PC22
GTIN	3389110874617
Returnability	No

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	2.1 in (5.4 cm)
Package 1 Width	8.1 in (20.6 cm)
Package 1 Length	10.8 in (27.5 cm)
Package weight(Lbs)	33.05 oz (937.0 g)

Contractual warranty

Warranty (in months)	18
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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 Better

Materials and Substances	
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov

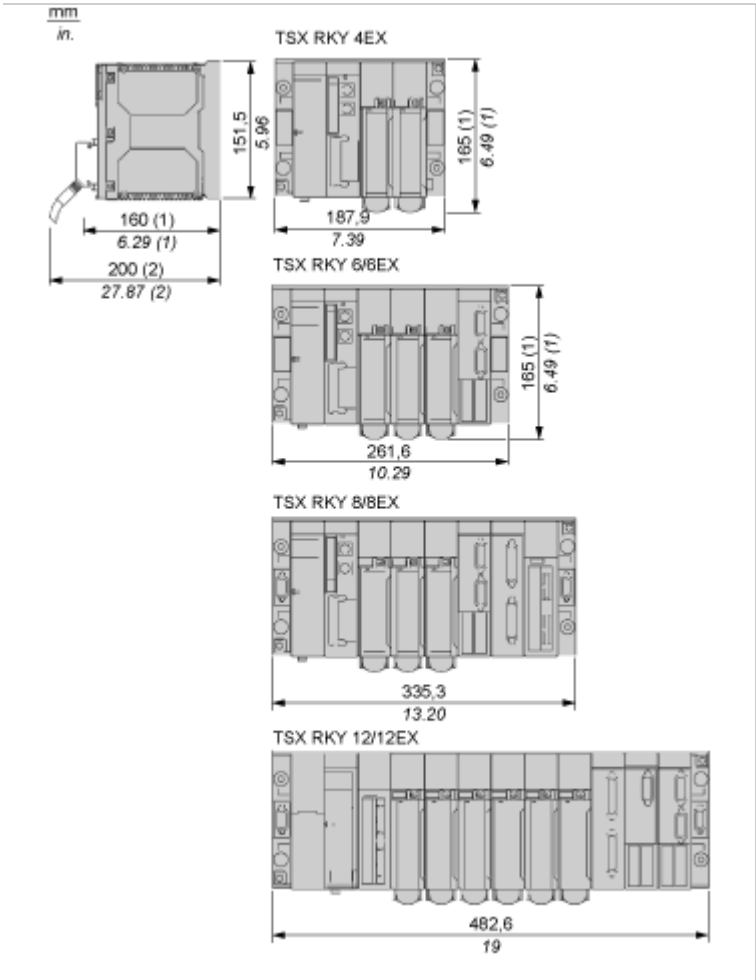
Use Longer

Lifetime extension	
Repair	No

Dimensions Drawings

Standard and Extendable Racks for Modules Mounting

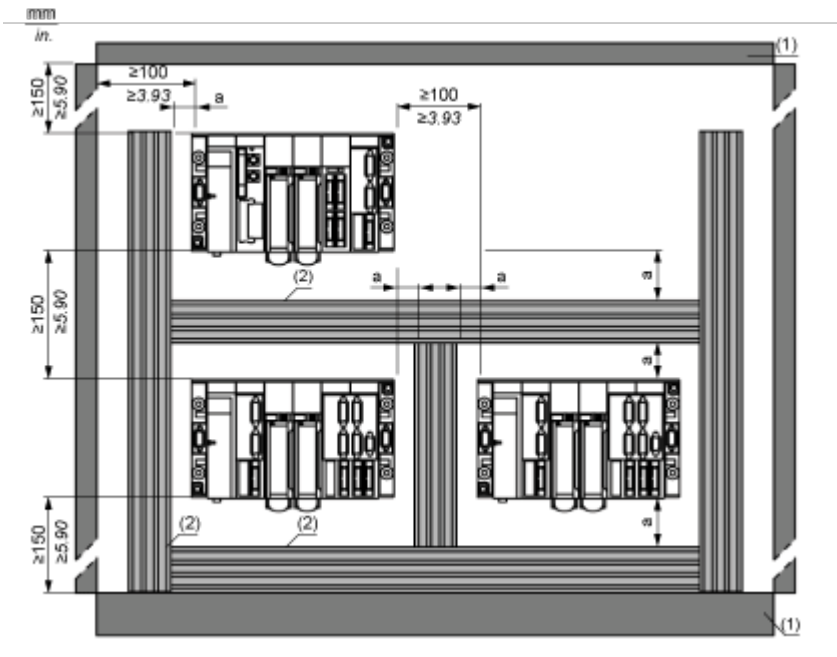
Dimensions of Modules and Racks



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

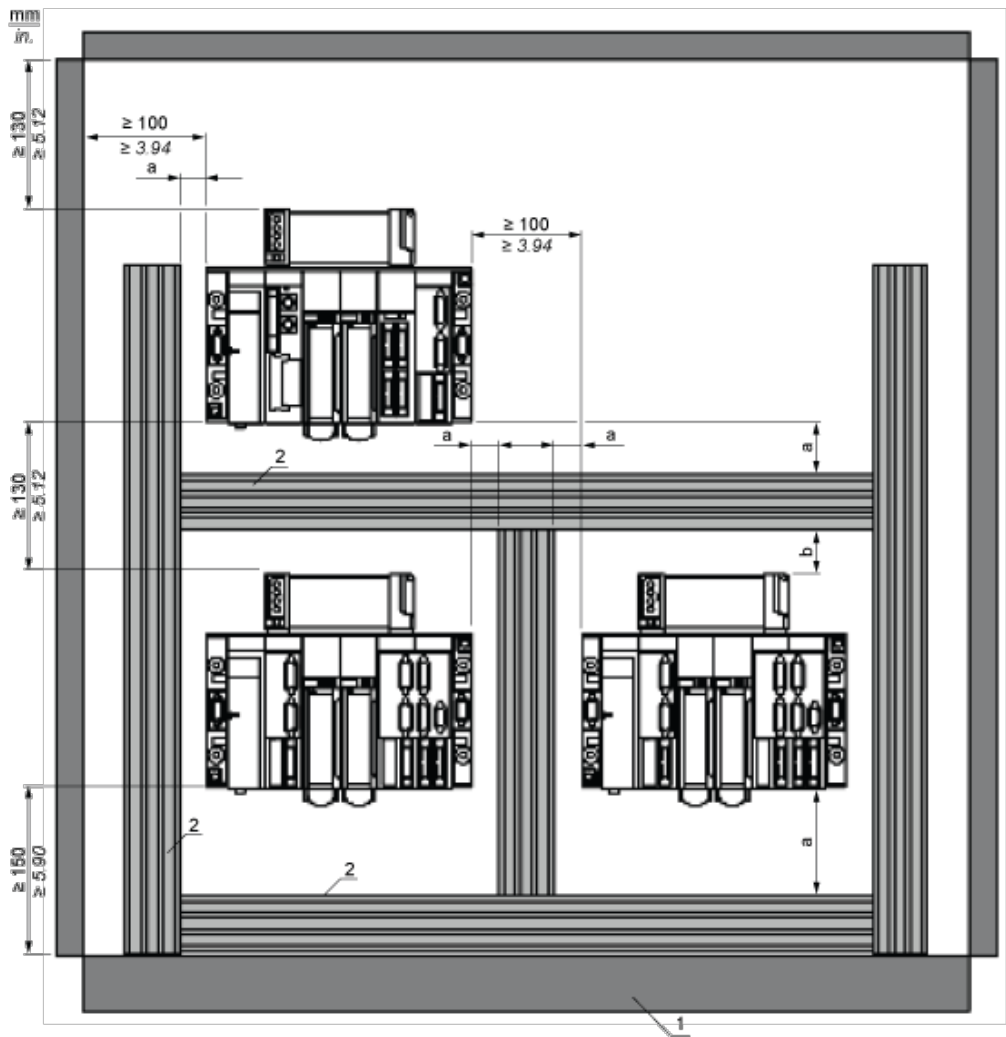
Mounting and Clearance

Racks Installation Rules



- a Greater than or equal to 50 mm / 1.97 in.
- (1) Installation or casing
- (2) Trough or cable tray

Rules for Installing Racks Fitted with Ventilation Modules

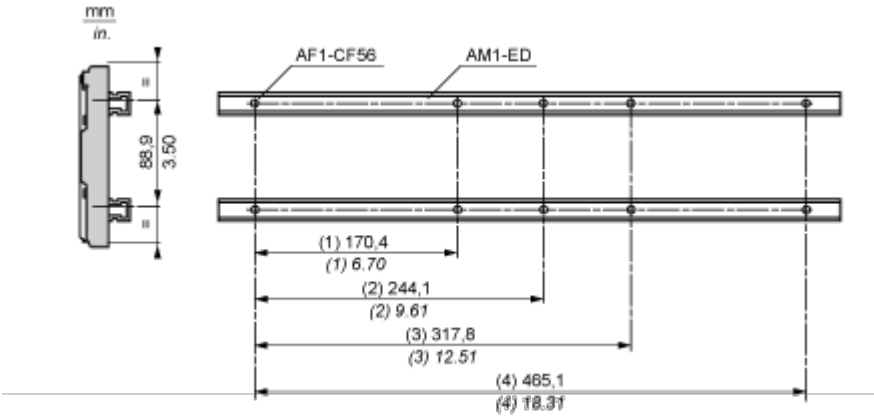


- a 50 mm / 1.97 in.
- b 30 mm / 1.18 in.
- 1 Installation or casing
- 2 Trough or cable tray

Mounting and Fixing Racks

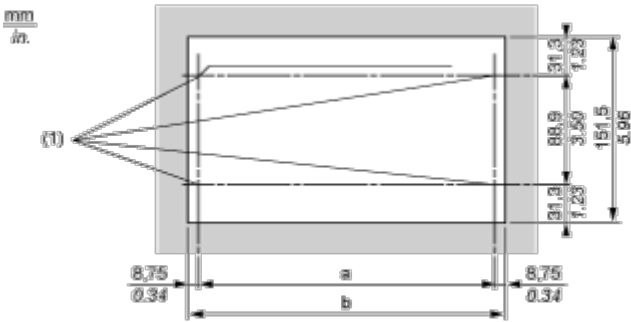
Mounting on a 35 mm/1.38 in. Wide DIN Rail

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

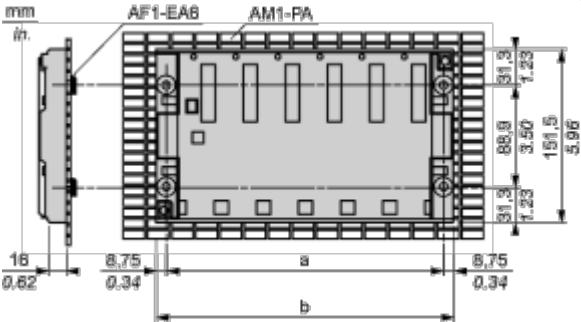
Mounting on a Panel



- (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

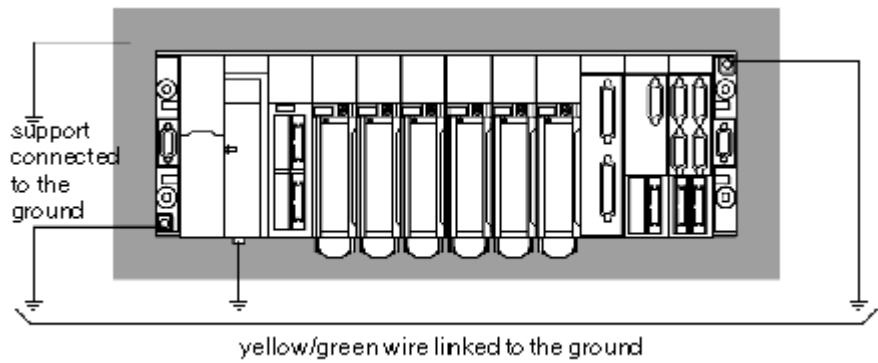
Racks	a in mm	a in in.	b in mm	b in in.
TSXRKY8/8EX	317.8	12.51	335.3	13.20
TSXRKY12/12EX	465.1	18.31	482.6	19

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.