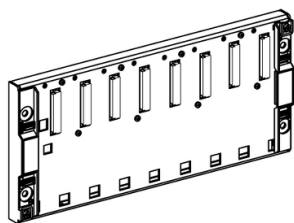# Product datasheet

Specifications

Non extendable rack, Modicon premium, for single rack configuration, 8 slots

TSXRKY8

⚠ To be discontinued on: 31-Dec-2026

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

⚠ **Discontinued - Service only**

Main

Range of product	Modicon Premium Automation platform
Product or component type	Non-extendable rack
Product specific application	For single rack configuration

Complementary

Number of slots	8
Product compatibility	I/O module TSXP57 processor Specific application module TSXPSY power supply
Fixing mode	By 4 M6 screws (panel) By clips (35 mm symmetrical DIN rail)
Marking	CE
Net weight	1.75 kg

Environment

Standards	73/23/EEC CSA C22.2 No 213 Class I Division 2 Group B 93/68/EEC 92/31/EEC UL 508 89/336/EEC IEC 61131-2 CSA C22.2 No 213 Class I Division 2 Group D CSA C22.2 No 142 CSA C22.2 No 213 Class I Division 2 Group A CSA C22.2 No 213 Class I Division 2 Group C
Product certifications	BV LR GL DNV RINA RMRS ABS
Ambient air temperature for operation	0…60 °C
Ambient air temperature for storage	-25…70 °C
Relative humidity	10…95 % without condensation for operation 5…95 % without condensation for storage
Operating altitude	0...2000 m
Protective treatment	TC

IP degree of protection	IP20
pollution degree	2

Packing Units

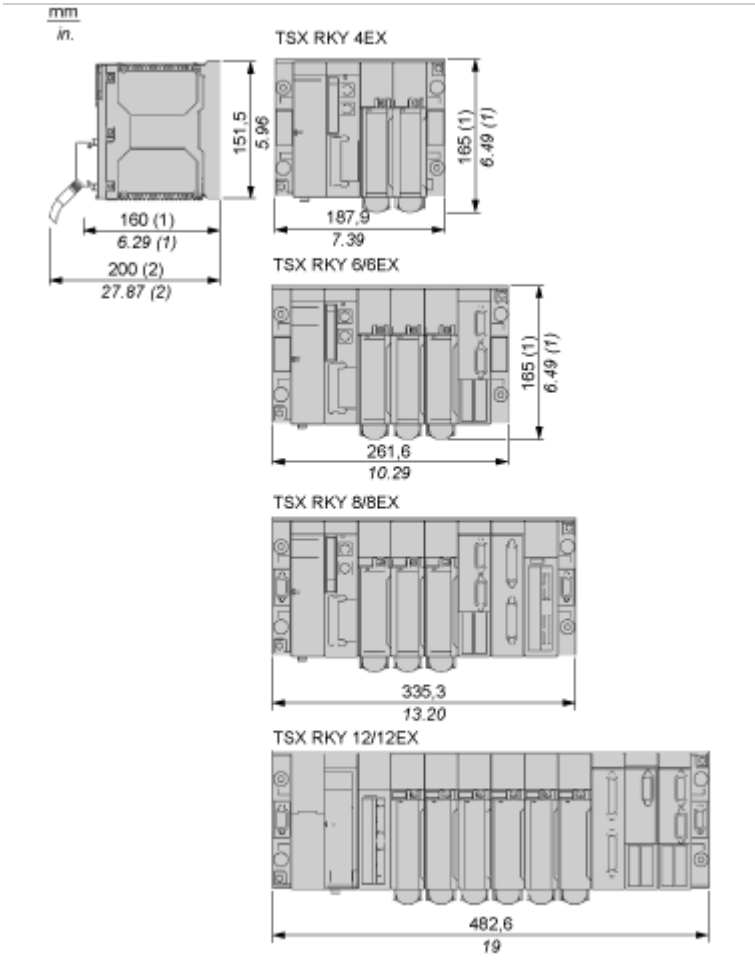| Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	5.0 cm
Package 1 Width	21.0 cm
Package 1 Length	41.5 cm
Package 1 Weight	1.607 kg

Contractual warranty

Warranty	18 months

Dimensions Drawings

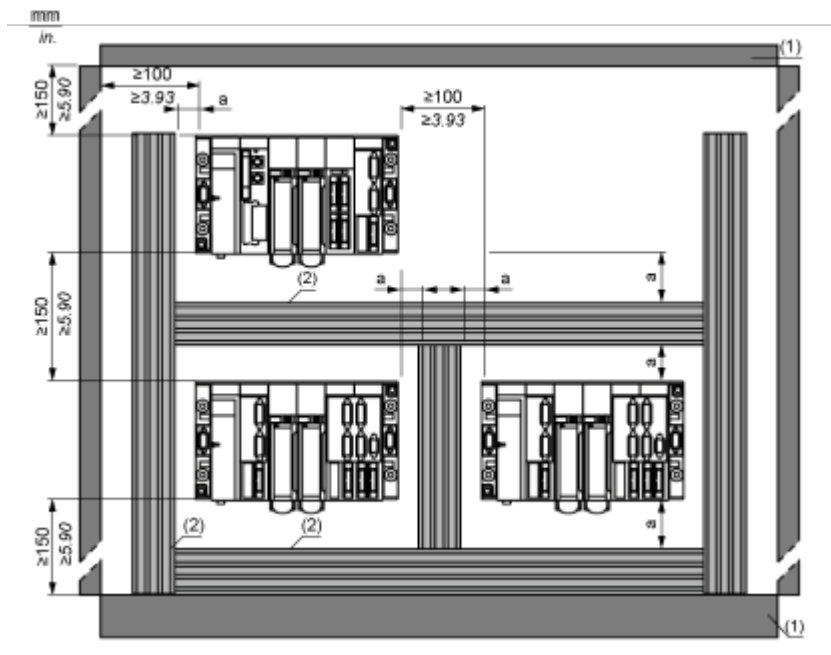### Standard and Extendable Racks for Modules Mounting

Dimensions of Modules and Racks

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

Product datasheet

TSXRKY8

Mounting and Clearance
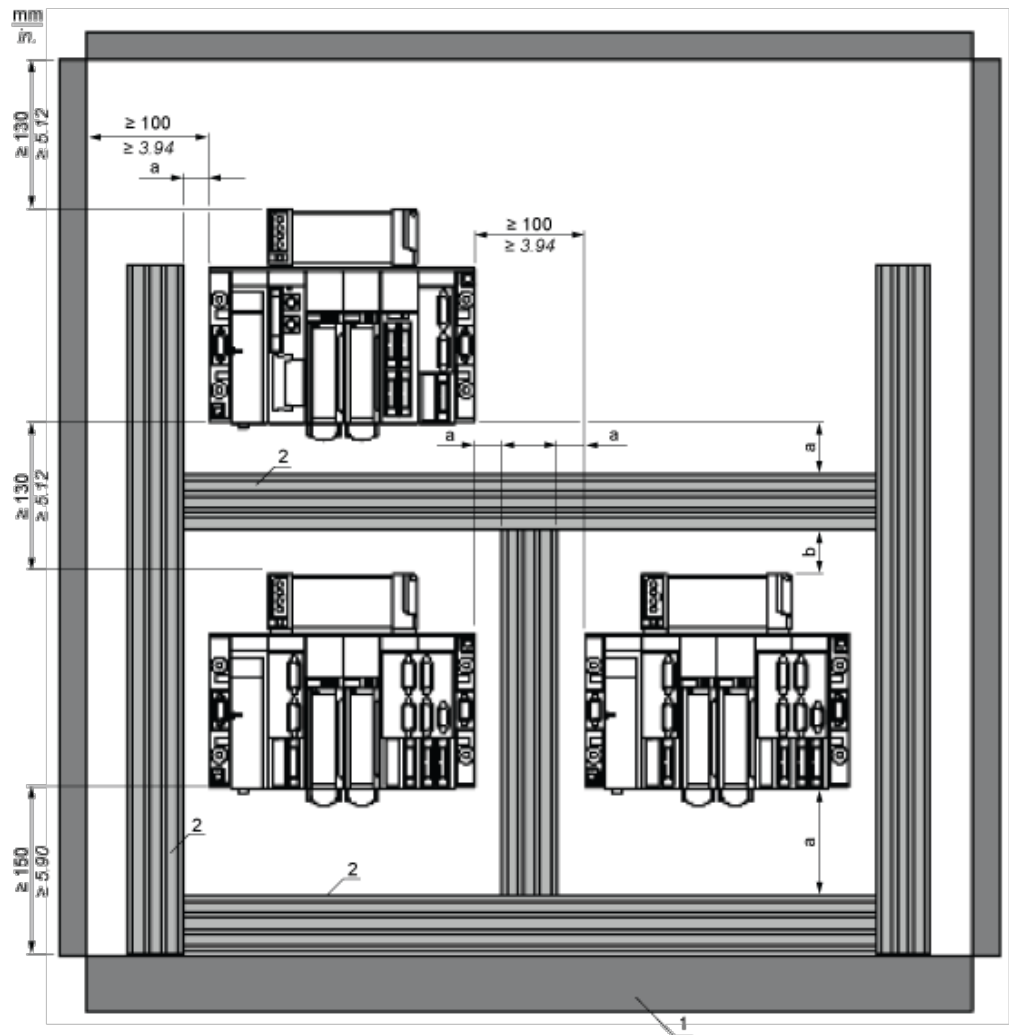
Racks Installation Rules

a   Greater than or equal to 50 mm / 1.97 in.

(1)   Installation or casing

(2)   Trough or cable tray

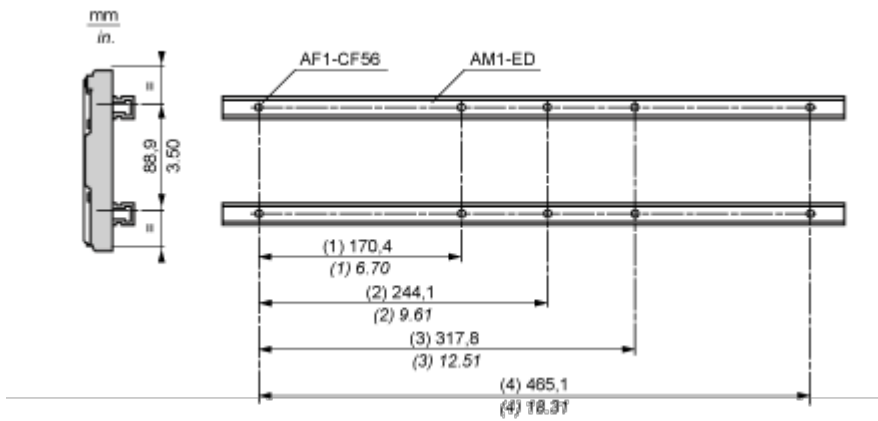**Rules for Installing Racks Fitted with Ventilation Modules**

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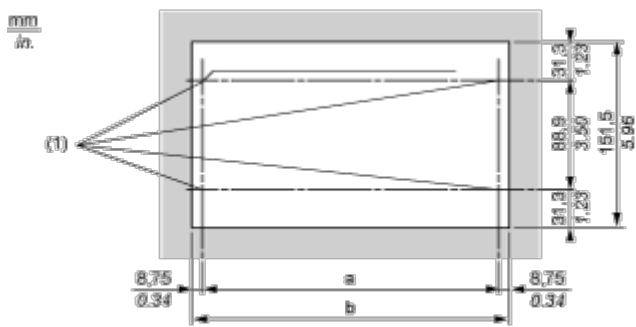
Mounting on a 35 mm/1.38 in. Wide DIN Rail

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

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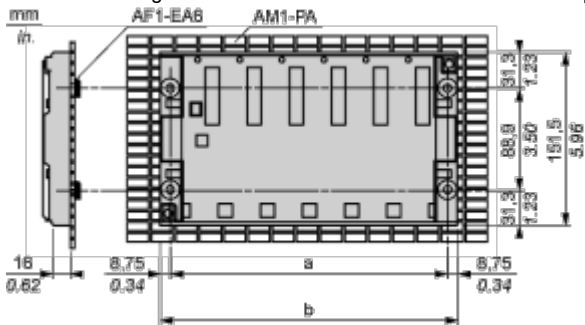(**4**) TSXRKY12 and TSXRKY12EX

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

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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

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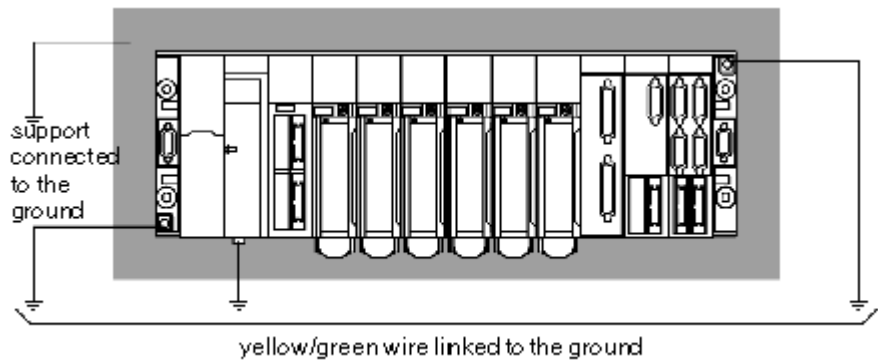
NOTE: The PLC's internal 0 V is linked to the ground connection, the ground connection itself being linked to ground.