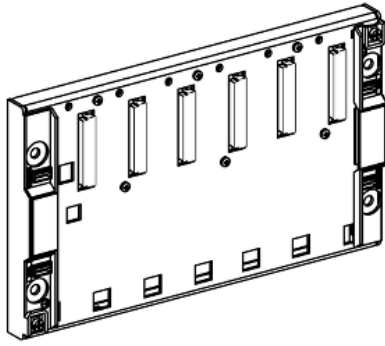# Product data sheet

Specifications

Non-extendable rack, Modicon premium, for single rack configuration, 6 slots

TSXRKY6

⚠ Discontinued on: 31 December 2018

⚠ To be end-of-service on: 31 December 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	6
Product compatibility	TSXPSY power supply Specific application module TSXP57 processor I/O module
Fixing mode	By 4 M6 screws (panel) By clips (35 mm symmetrical DIN rail)
Marking	CE
Net weight	1.47 kg

Environment

Standards	CSA C22.2 No 213 Class I Division 2 Group D CSA C22.2 No 213 Class I Division 2 Group C 93/68/EEC 92/31/EEC 89/336/EEC UL 508 CSA C22.2 No 213 Class I Division 2 Group B CSA C22.2 No 213 Class I Division 2 Group A IEC 61131-2 73/23/EEC CSA C22.2 No 142
Product certifications	LR RMRS BV ABS GL RINA DNV
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	5.2 cm
Package 1 Width	20.5 cm
Package 1 Length	35.0 cm
Package 1 Weight	1.286 kg
Unit Type of Package 2	S04
Number of Units in Package 2	9
Package 2 Height	30.0 cm
Package 2 Width	40.0 cm
Package 2 Length	60.0 cm
Package 2 Weight	11.8 kg

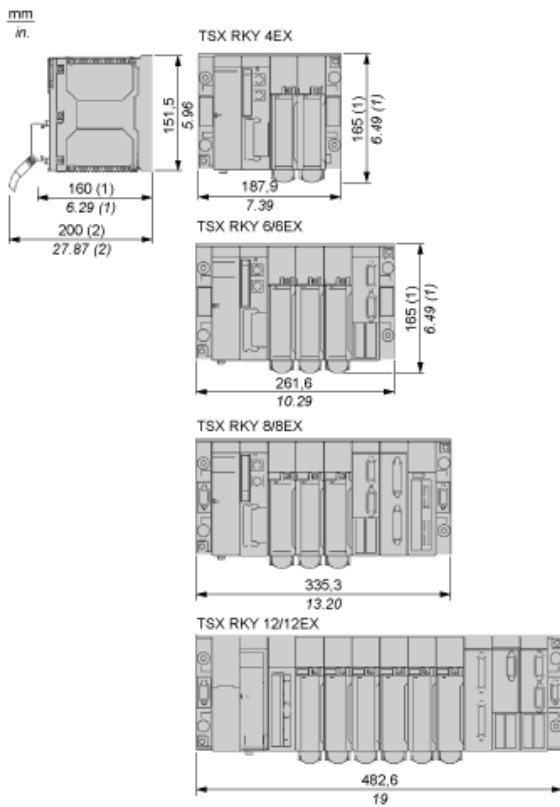## Offer Sustainability

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

Contractual warranty

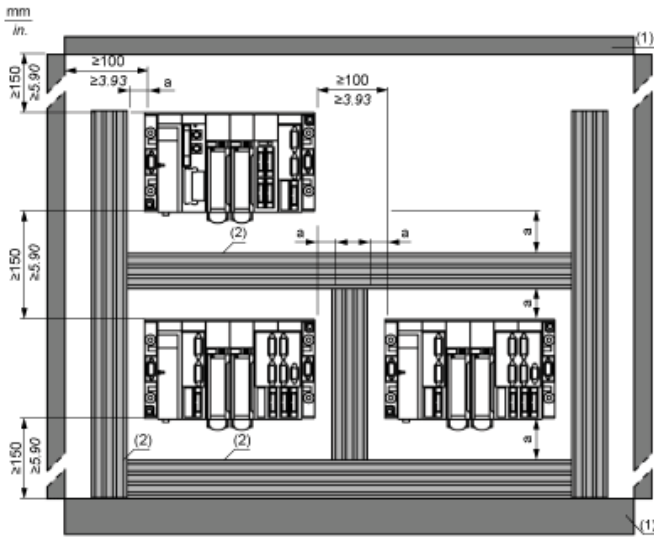|	
Warranty	18 months

Standard and Extendable Racks for Modules Mounting
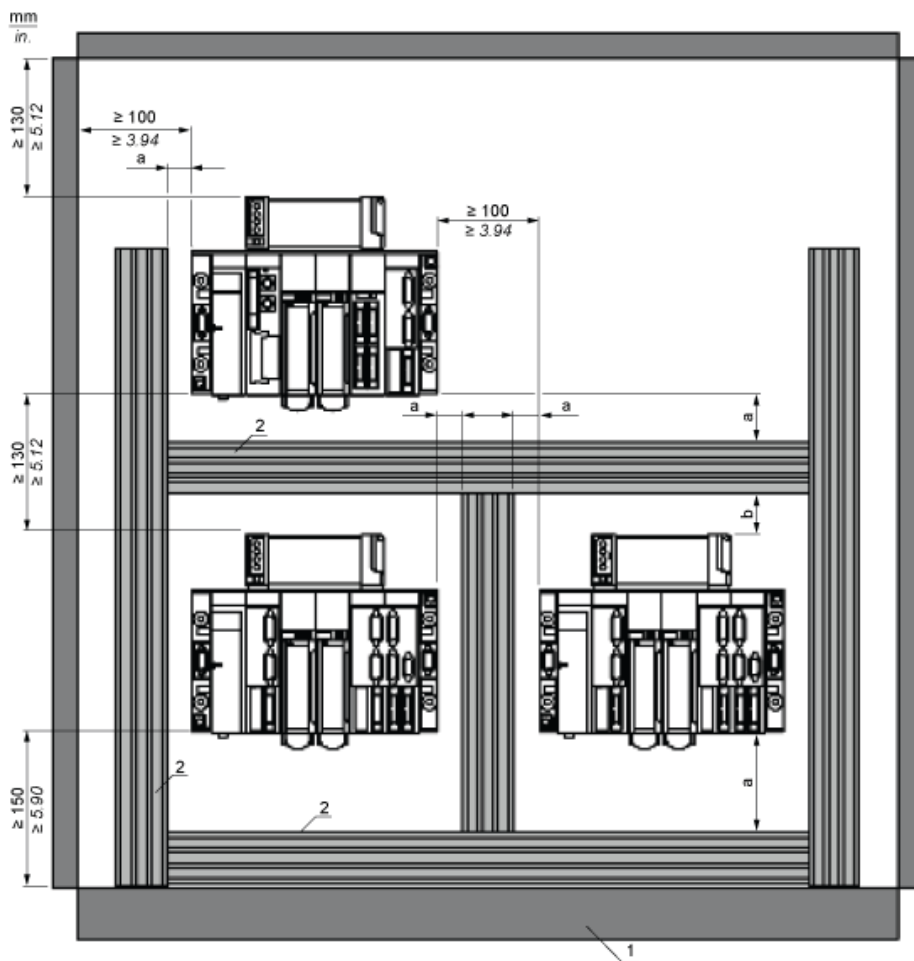
Dimensions of Modules and Racks

(**1**) With screw terminal block modules.

(**2**) Maximum depth for all types of modules and their associated connectors.

Racks Installation Rules

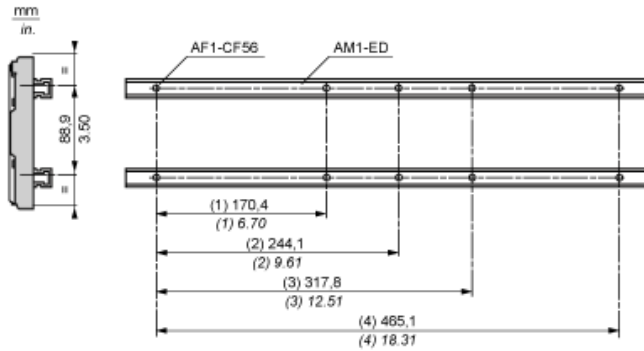|	
a	Greater than or equal to 50 mm / 1.97 in.
(1)	Installation or casing
(2)	Trough or cable tray

Rules for Installing Racks Fitted with Ventilation Modules

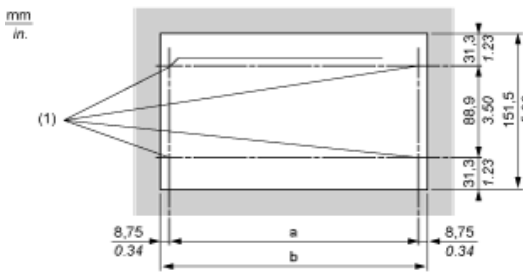|	
a	50 mm / 1.97 in.
b	30 mm / 1.18 in.
1	Installation or casing
2	Trough or cable tray

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
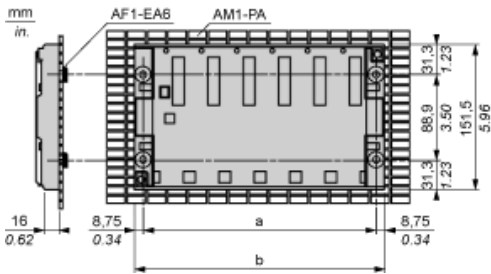
Mounting on a Panel

(**1**)   4 holes for M6 fixing screws

a, b: see table below

Mounting on an AM1-PA Telequick Mounting Grid

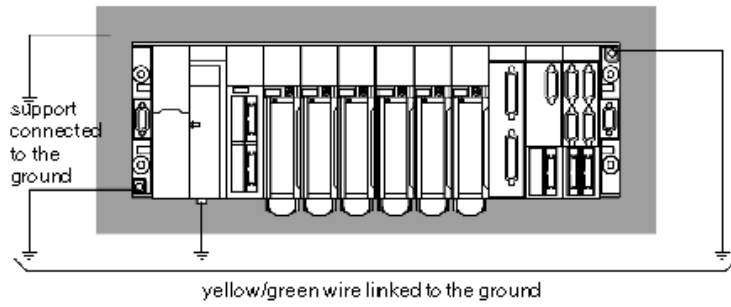Fix the rack using four M6x25 screws + washers and AF1-EA6 clips nuts.

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
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.)

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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.

Recommended replacement(s)

TSXRKY6 is replaced by:

1x		rack, Modicon M340 automation platform, 8 slots, panel, plate or DIN rail mounting BMXXBP0800