TSXRKY8

non-extendable rack - for single rack configuration
- 8 slots - IP20

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 Specific application module TSXP57 processor TSXPSY power supply
Fixing mode	By 4 M6 screws panel By clips 35 mm symmetrical DIN rail
Marking	CE
Product weight	1.75 kg

Environment

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

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	5...95 % without condensation for storage
Operating altitude	0...2000 m
Protective treatment	TC
IP degree of protection	IP20
Pollution degree	2

Offer Sustainability

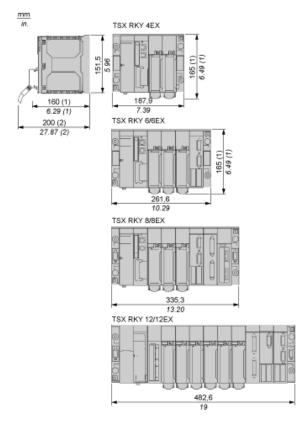| RoHS (date code: YYWW)	Compliant - since 1036 - Schneider Electric declaration of conformity
	Schneider Electric declaration of conformity
REACh	Reference not containing SVHC above the threshold
	Reference not containing SVHC above the threshold
Product end of life instructions	Need no specific recycling operations

Contractual warranty

Warranty period	18 months

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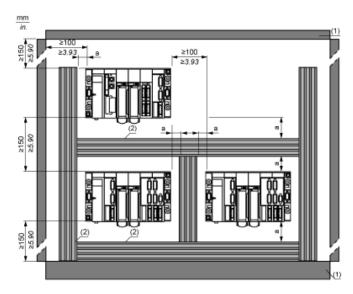## Standard and Extendable Racks for Modules Mounting

Dimensions of Modules and Racks

(1) With screw terminal block modules.

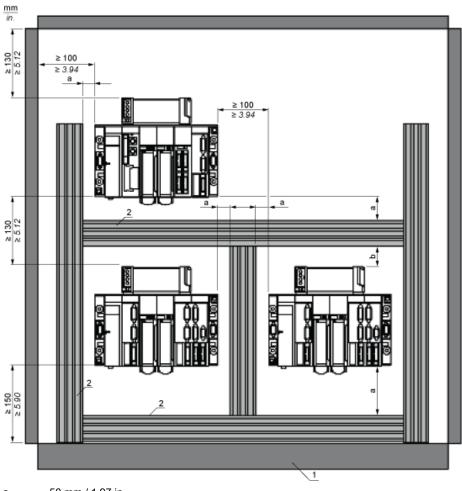(2) Maximum depth for all types of modules and their associated connectors.

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
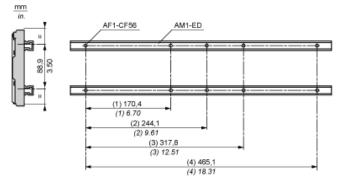

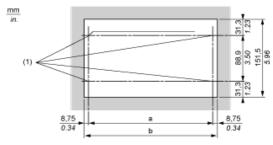|	
a	50 mm / 1.97 in.
b	30 mm / 1.18 in.
1	Installation or casing
2	Trough or cable tray

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

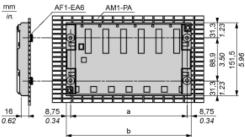### Mounting on a Panel

(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

Racks	a in mm	a in in.	b in mm	b in in.
TSXRKY12/12EX	465.1	18.31	482.6	19

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

Connection to the Ground

Grounding Racks

support
connected
to the
ground

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.

TSXRKY8 is replaced by:

Standard environment BMXXBP0800

rack M340 - 8 slots - panel, plate or DIN rail mounting

Qty 1

Reason for Substitution: End of life | Substitution date: 31 December 2018 | Not same dimensions/design

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