TSXRKY6EX
extendable rack - for multi-racks configuration - 6 slots - IP20

Commercial status
End of Commercialisation :

⚠ End of Commercialisation

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	6
Product compatibility	Specific application module TSXPSY power supply I/O module TSXP57 processor
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	1.5 Kg

Environment

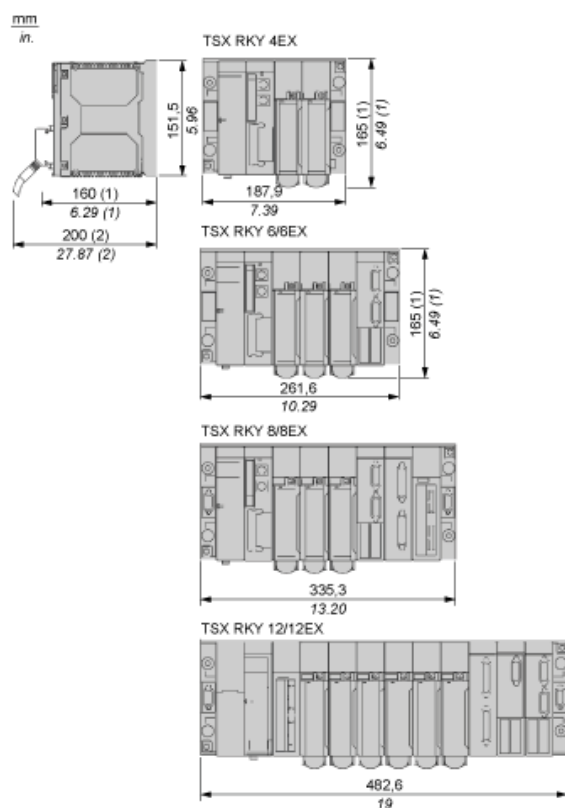|	
Standards	IEC 61131-2 CSA C22.2 No 213 Class I Division 2 Group A UL 508 93/68/EEC CSA C22.2 No 213 Class I Division 2 Group D 92/31/EEC 73/23/EEC CSA C22.2 No 213 Class I Division 2 Group B CSA C22.2 No 213 Class I Division 2 Group C 89/336/EEC CSA C22.2 No 142
Product certifications	ABS BV RINA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

Contractual warranty

Warranty	18 months

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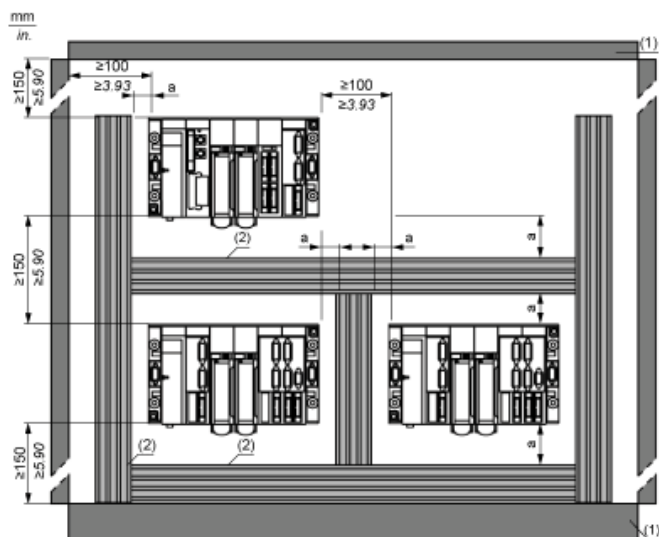## Standard and Extendable Racks for Modules Mounting

Dimensions of Modules and Racks

(1) With screw terminal block modules.

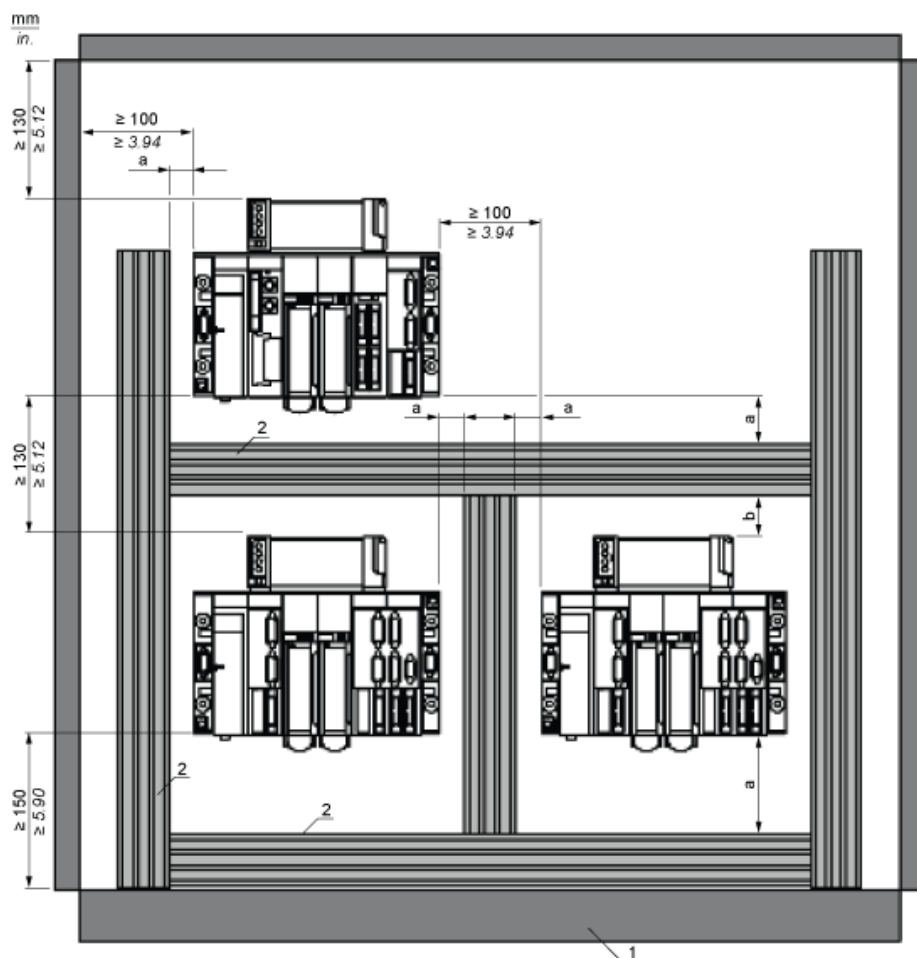(2) Maximum depth for all types of modules and their associated connectors.

Racks Installation Rules

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

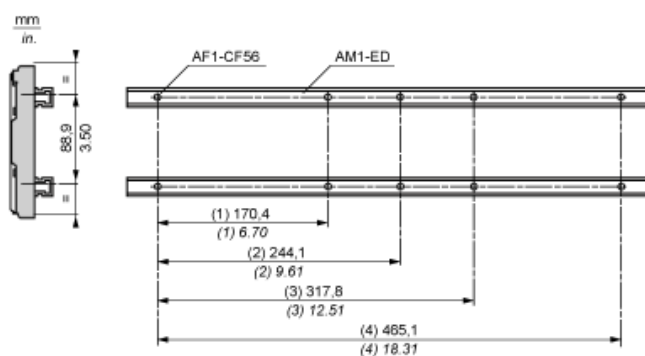## Rules for Installing Racks Fitted with Ventilation Modules

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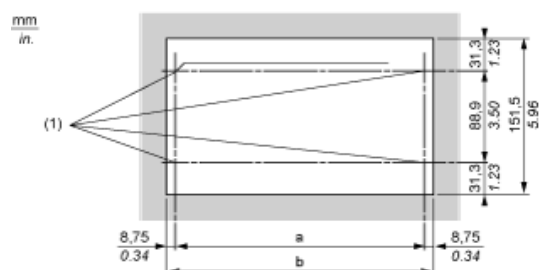2   Trough or cable tray

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

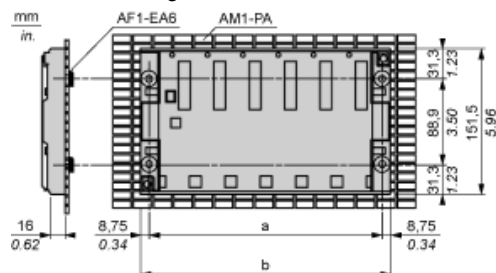(3) TSXRKY8 and TSXRKY8EX

(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.
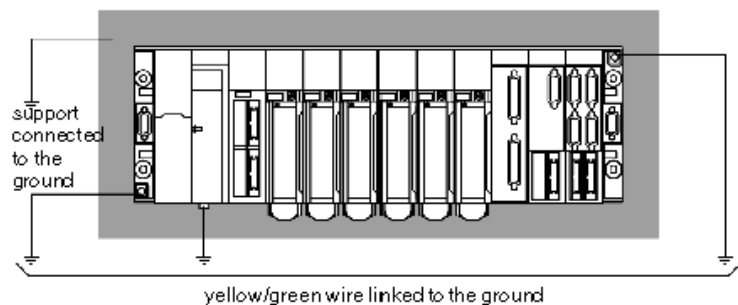

Racks	a in mm	a in in.	b in mm	b in in.
TSXRKY4EX	170.4	6.70	187.9	7.39
TSXRKY6/6EX	244.1	9.61	261.6	10.29
TSXRKY8/8EX	317.8	12.51	335.3	13.20
TSXRKY12/12EX	465.1	18.31	482.6	19

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.

Product Life Status :	Post commercialisation

TSXRKY6EX may be replaced by any of the following products:

BMXXBP0800

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

Qty 1

Reason for Substitution: End of life | Substitution date: 30 Jun 2018 |

BMXXBP0800

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

Qty 1

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

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BMXXBP0800

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

Qty 1

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

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

Qty 1

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