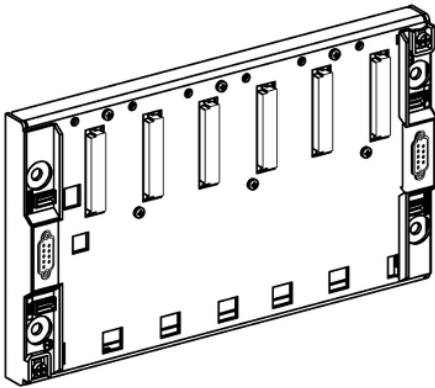


TSXRKY6EX

Extendable rack, Modicon Premium, for multi racks configuration, 6 slots



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	3.31 lb(US) (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[RETURN]BV[RETURN]RINA[RETURN]RMRS[RETURN]LR[RETURN]DNV[RE
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)
Protective treatment	TC
IP Degree of Protection	IP20
Pollution degree	2

Ordering and shipping details

Category	22558-TSX PREMIUM, ATRIUM & PL7 PRO
Discount Schedule	PC22
GTIN	3389110874624
Returnability	No
Country of origin	FR

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	2.10 in (5.334 cm)
Package 1 Width	8.10 in (20.574 cm)
Package 1 Length	13.60 in (34.544 cm)
Package 1 Weight	2.21 lb(US) (1.002 kg)
Unit Type of Package 2	S04
Number of Units in Package 2	9
Package 2 Height	11.81 in (30 cm)
Package 2 Width	15.75 in (40 cm)
Package 2 Length	23.62 in (60 cm)
Package 2 Weight	25.91 lb(US) (11.754 kg)

Offer Sustainability

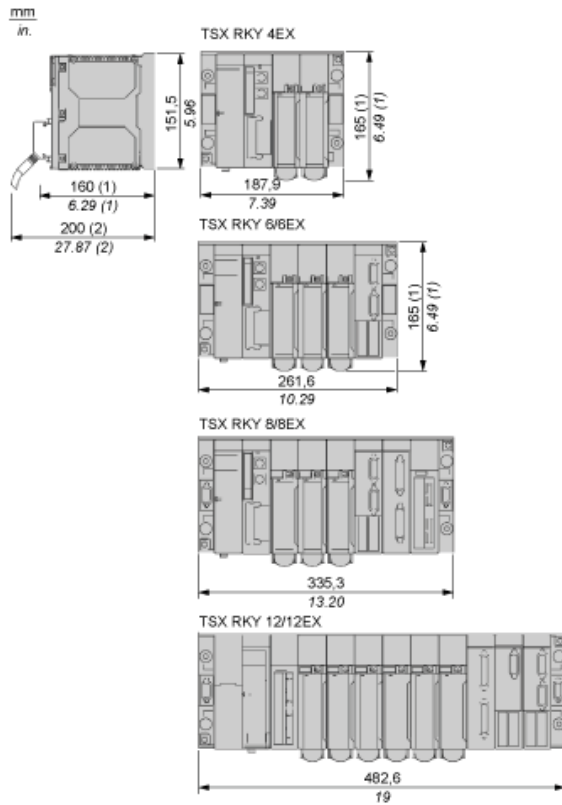
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds which is known to the State of California to cause cancer and birth defects or other reproductive harm.For more information go to www.p65warnings.ca.gov
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Contractual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

Warranty	18 months
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Standard and Extendable Racks for Modules Mounting

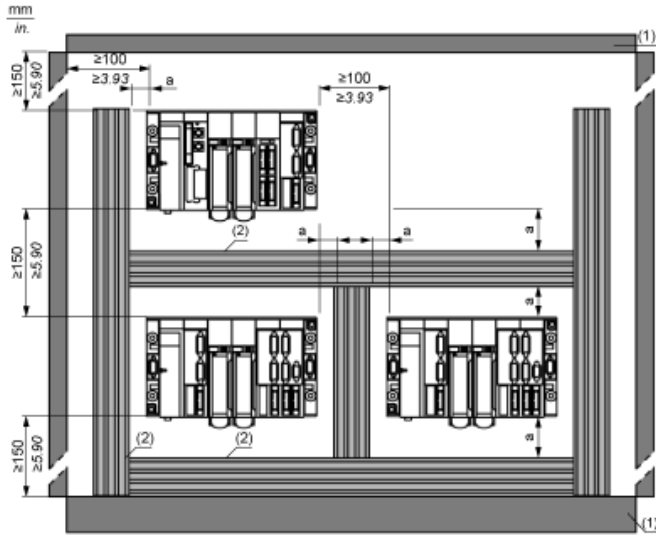
Dimensions of Modules and Racks



(1) With screw terminal block modules.

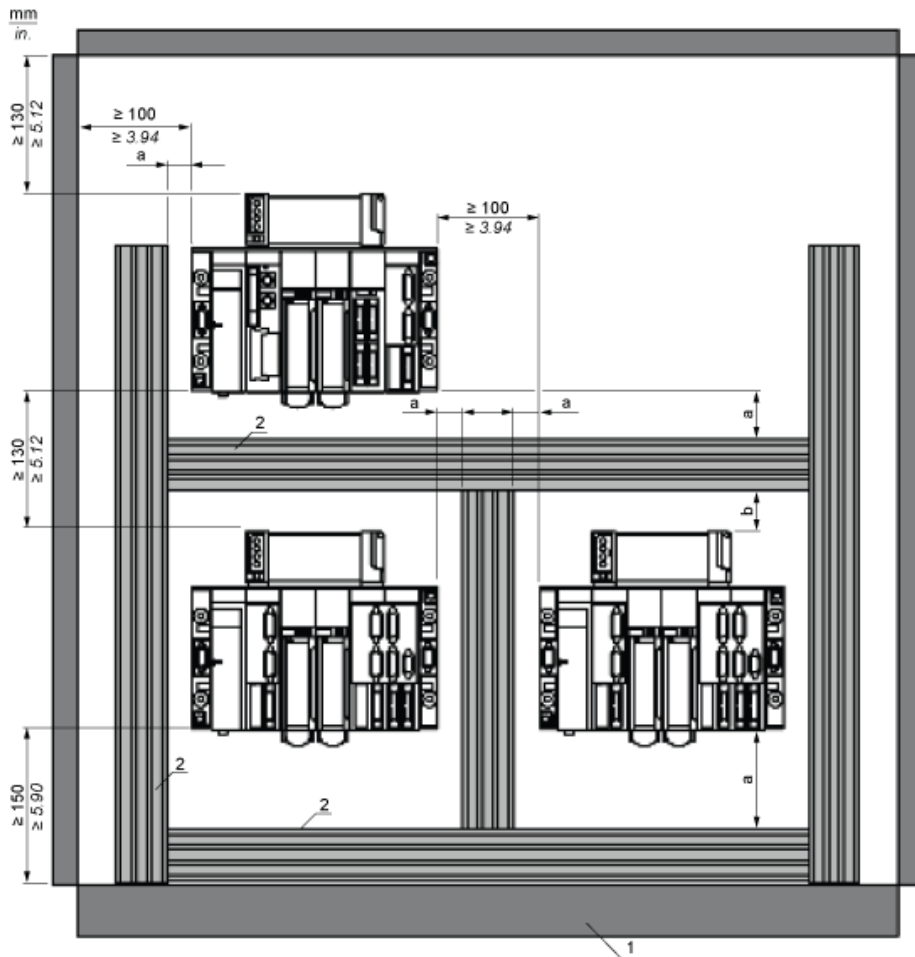
(2) Maximum depth for all types of modules and their associated connectors.

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

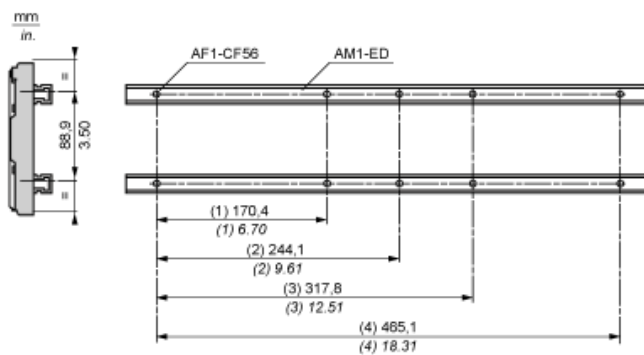


- a 50 mm / 1.97 in.
- b 30 mm / 1.18 in.
- 1 Installation or casing
- 2 Trough or cable tray

Mounting and Fixing Racks

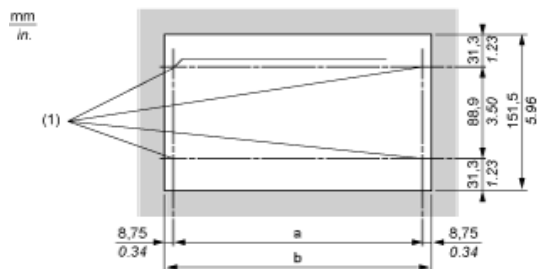
Mounting on a 35 mm/1.38 in. Wide DIN Rail

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

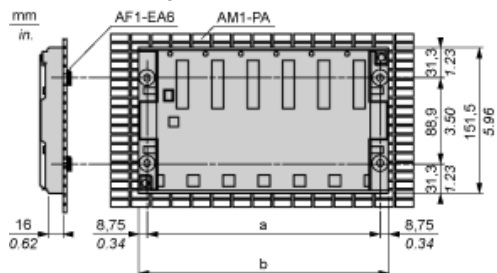
Mounting on a Panel



(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.

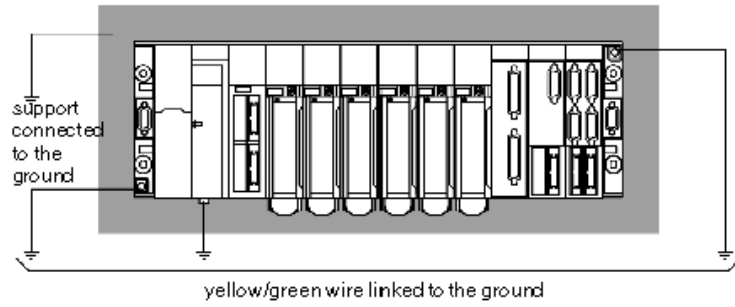


Racks	a in mm	a in in.	b in mm	b in in.
TSXRKY4EX	170.4	6.70	187.9	7.39
TSXRKY6/6EX	244.1	9.61	261.6	10.29
TSXRKY8/8EX	317.8	12.51	335.3	13.20
TSXRKY12/12EX	465.1	18.31	482.6	19

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

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.