

### Commercial status

End of Commercialisation :

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### 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

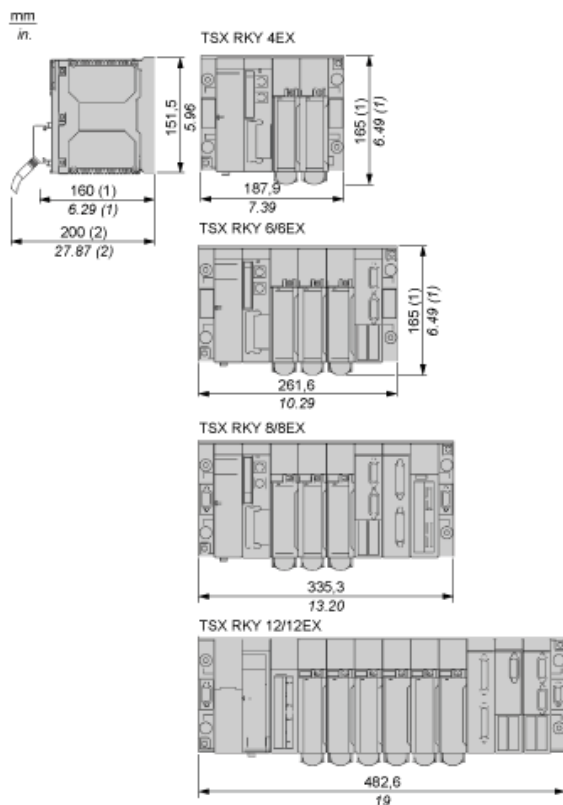
IP degree of protection	IP20
Pollution degree	2

### Contractual warranty

Warranty	18 months
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## Standard and Extendable Racks for Modules Mounting

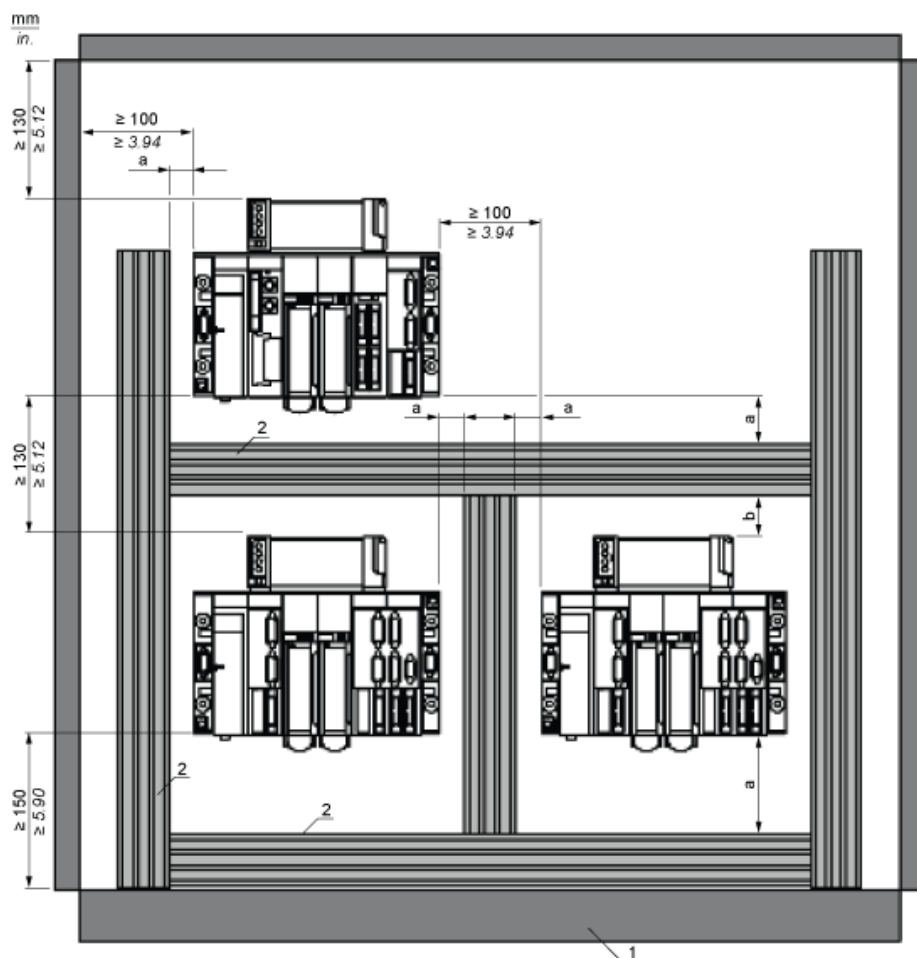
### Dimensions of Modules and Racks



(1) With screw terminal block modules.

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

- ## Rules for Installing Racks Fitted with Ventilation Modules

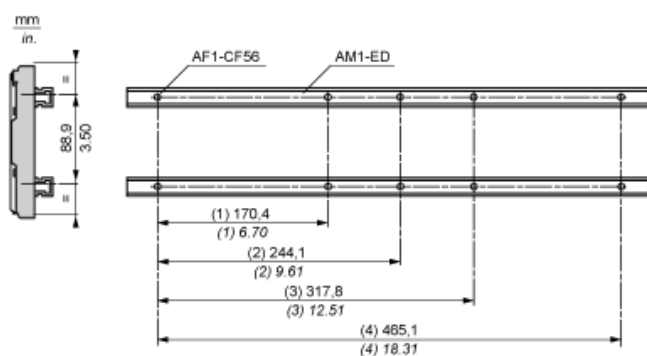


- a 50 mm / 1.97 in.
- b 30 mm / 1.18 in.
- 1 Installation or casing
- 2 Trough or cable tray

## Mounting and Fixing Racks

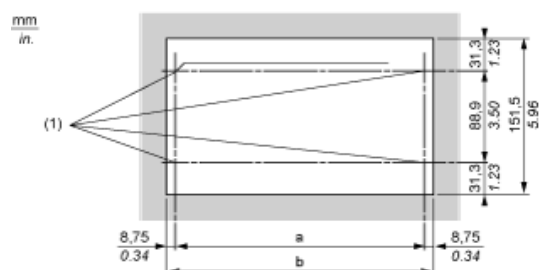
### Mounting on a 35 mm/1.38 in. Wide DIN Rail

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

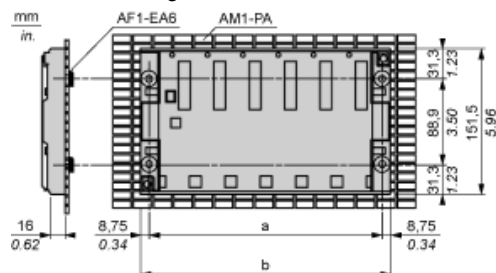
## Mounting on a Panel



- (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.

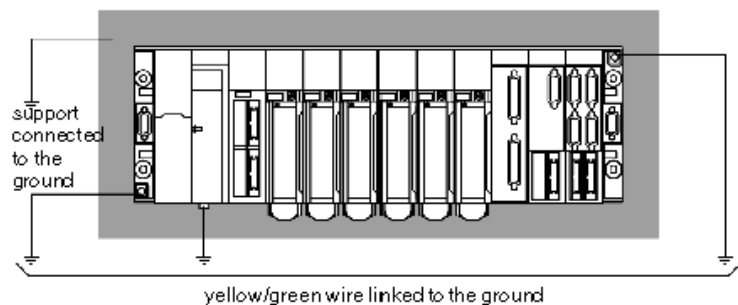


Racks	a in mm	a in in.	b in mm	b in in.
TSXRKY4EX	170.4	6.70	187.9	7.39
TSXRKY6/6EX	244.1	9.61	261.6	10.29
TSXRKY8/8EX	317.8	12.51	335.3	13.20
TSXRKY12/12EX	465.1	18.31	482.6	19

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.

Product Life Status : **Post commercialisation**

TSXRKY8 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



#### 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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