Product data sheet
Characteristics

TSXRKY8EX
extendable rack - for multi-racks configuration - 8 slots - IP20

Main

Commercial Status	Commercialised
Range of product	Automation platform
Product or component type	Extendable rack
Product specific application	For multi-racks configuration

Complementary

Number of slots	8
Product compatibility	I/O module Specific application module TSXP57 processor TSXPSY power supply
Electrical connection	2 connectors female SUB-D 9 remote connection of bus X
Fixing mode	By clips 35 mm symmetrical DIN rail By 4 M6 screws panel
Marking	CE
Product weight	3.92 lb(US) (1.78 kg)

Environment

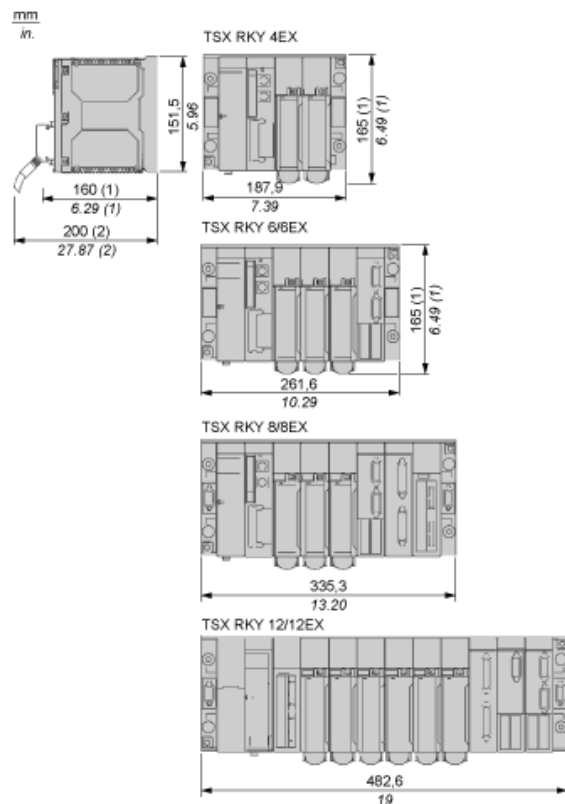|	
Standards	73/23/EEC 89/336/EEC 92/31/EEC 93/68/EEC CSA C22.2 No 142 IEC 61131-2 UL 508 CSA C22.2 No 213 Class I Division 2 Group A CSA C22.2 No 213 Class I Division 2 Group B CSA C22.2 No 213 Class I Division 2 Group C CSA C22.2 No 213 Class I Division 2 Group D
Product certifications	ABS BV DNV GL LR RINA RMRS
Ambient air temperature for operation	32...140 °F (0...60 °C)
Ambient air temperature for storage	-13...158 °F (-25...70 °C)
Relative humidity	5...95 % without condensation for storage 10...95 % without condensation for operation
Operating altitude	0...6561.68 ft (0...2000 m)
Protective treatment	TC

IP degree of protection	IP20
Pollution degree	2

Ordering and shipping details

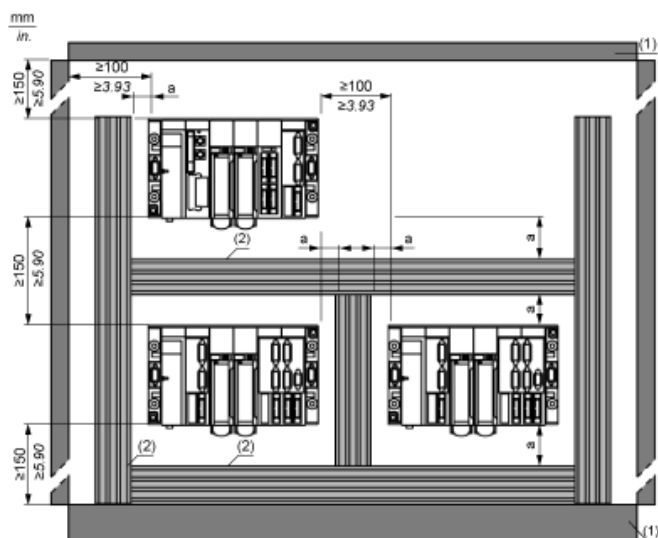|	
Category	22558 - TSX PREMIUM, ATRIUM & PL7 PRO
Discount Schedule	PC22
GTIN	00785901306870
Nbr. of units in pkg.	1
Product availability	Stock - Normally stocked in distribution facility
Returnability	Y
Country of origin	FR

Standard and Extendable Racks for Modules Mounting

Dimensions of Modules and Racks

mm / in.

TSX RKY 4EX

151,5 / 5.96

165 (1) / 6.49 (1)

160 (1) / 6.29 (1)

200 (2) / 27.87 (2)

187,9 / 7.39

TSX RKY 6/6EX

165 (1) / 6.49 (1)

261,6 / 10.29

TSX RKY 8/8EX

335,3 / 13.20

TSX RKY 12/12EX

482,6 / 19

(1) With screw terminal block modules.

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

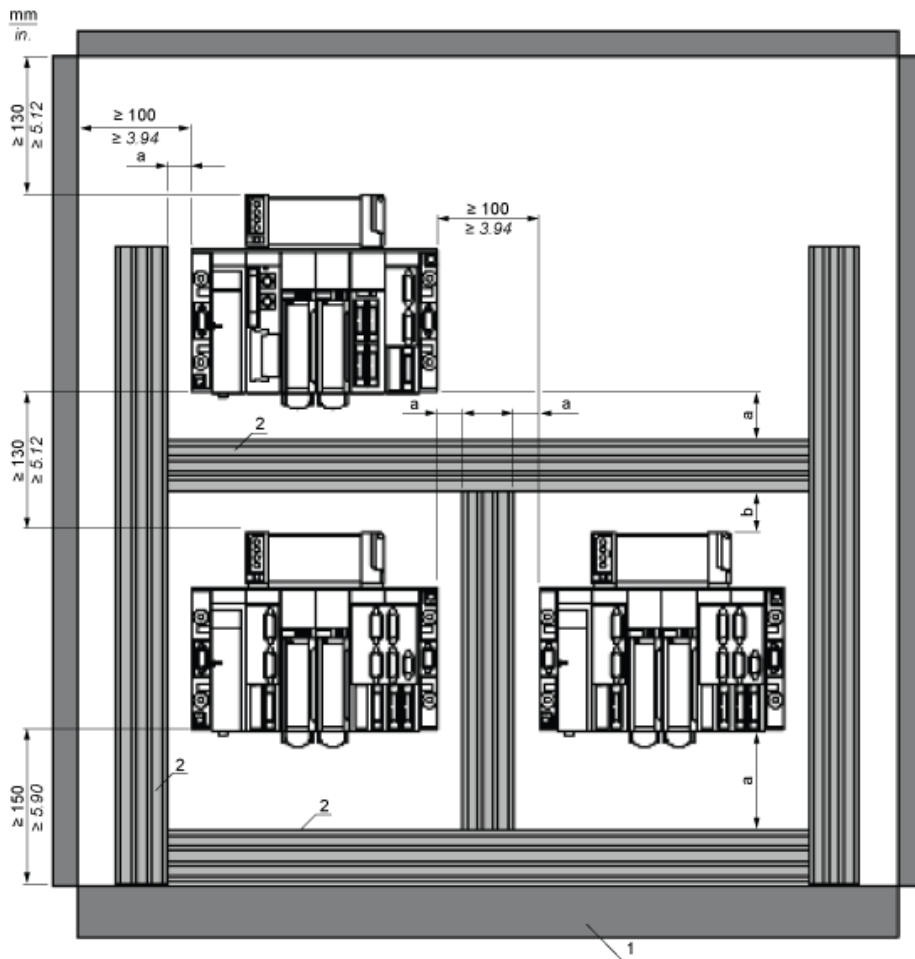## Racks Installation Rules

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

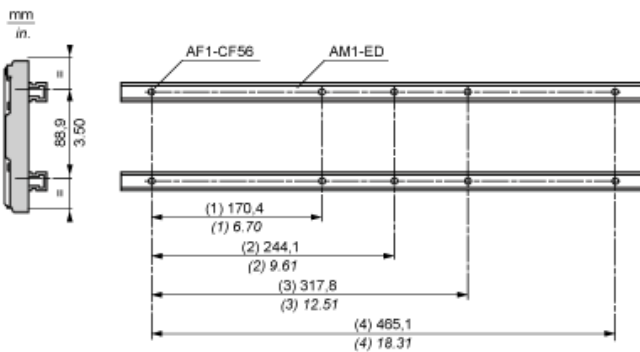## Rules for Installing Racks Fitted with Ventilation Modules

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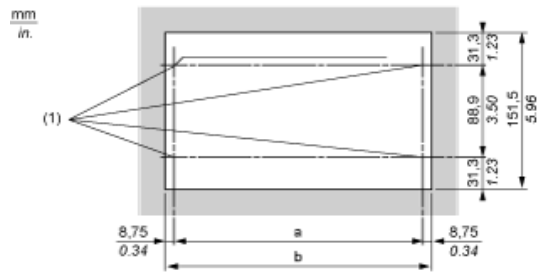2   Trough or cable tray

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

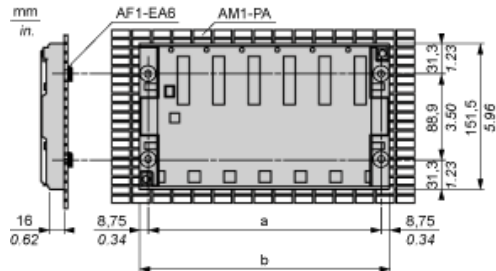(3) TSXRKY8 and TSXRKY8EX

(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

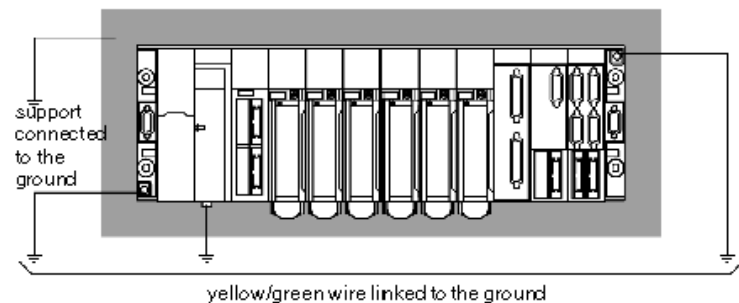Fix the rack using four M6x25 screws + washers and AF1-EA6 clips nuts.

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.)

TSXRKY8EX

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.