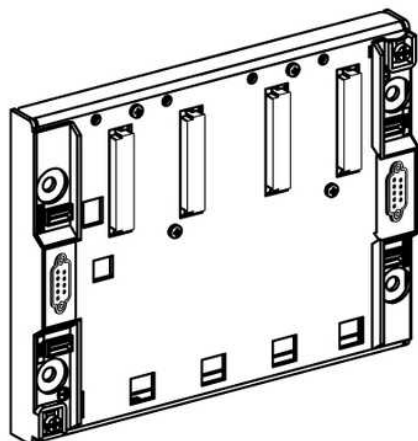# Product data sheet
Characteristics

TSXRKY4EX
extendable rack - for multi-racks configuration - 4 slots - IP20

Product availability: Non-Stock - Not normally stocked in distribution facility

Price*: 572.00 USD

Main

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

Complementary

Number of slots	4
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	2.56 lb(US) (1.16 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

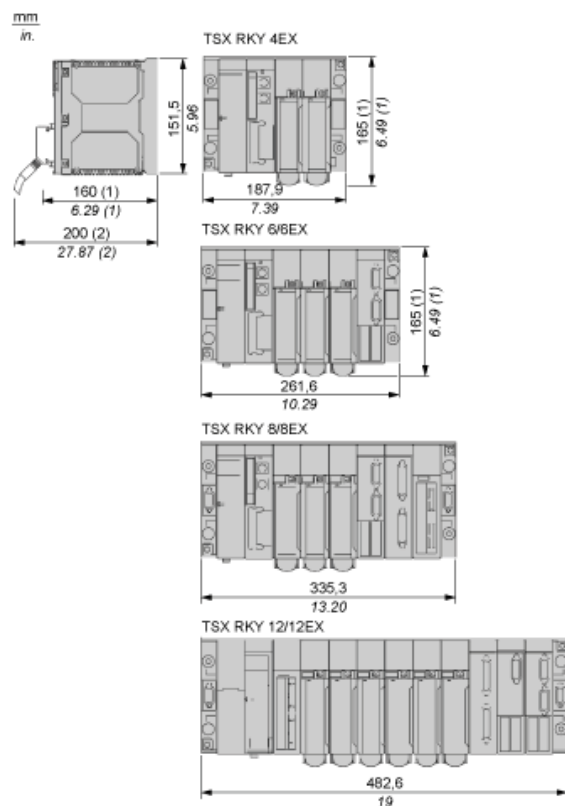| Category	22558 - TSX PREMIUM, ATRIUM & PL7 PRO
Discount Schedule	PC22
GTIN	00785901306856
Nbr. of units in pkg.	1
Product availability	Non-Stock - Not normally stocked in distribution facility
Returnability	N
Country of origin	FR

Offer Sustainability

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

Contractual warranty

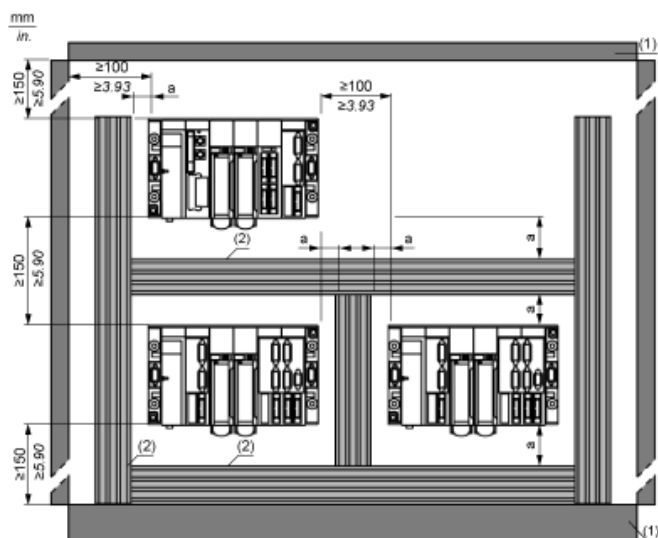| Warranty period	18 months

Schneider Electric

Standard and Extendable Racks for Modules Mounting
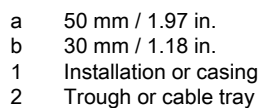
Dimensions of Modules and Racks

(1) With screw terminal block modules.

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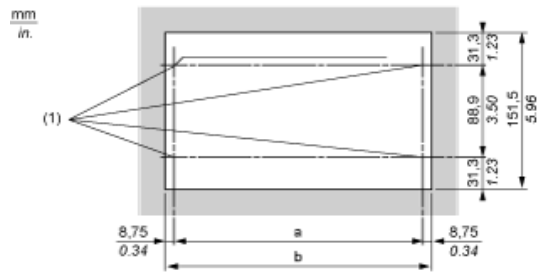
Racks Installation Rules

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

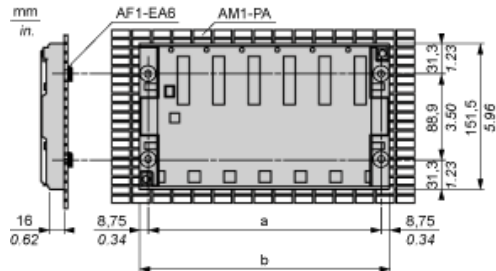(4) TSXRKY12 and TSXRKY12EX

Mounting on a Panel

(1)   4 holes for M6 fixing screws
a, b: see table below

Mounting on an AM1-PA Telequick Mounting Grid

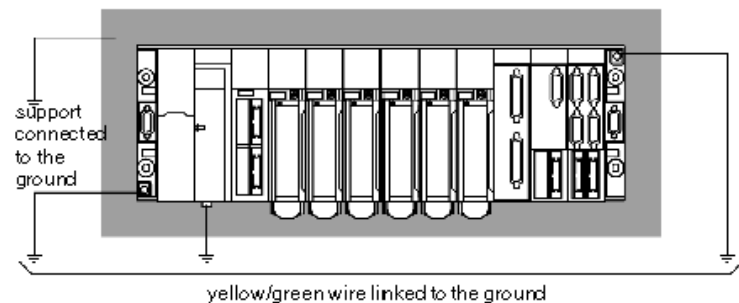Fix the rack using four M6x25 screws + washers and AF1-EA6 clips nuts.

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

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.