

Product datasheet

Specifications



Profibus DP V0 - module kit - for Premium PLC - coated

TSXPBY100C

⚠ Discontinued on: 31 Dec 2018

⚠ To be end-of-service on: 31 Dec 2026

⚠ Discontinued

Main

Range of product	Profibus DP
Product or component type	Profibus DP V0 module kit
Kit composition	Host module for the PCMCIA card Profibus DP PCMCIA card with its integrated connecting cable (0.6 m) T-junction box enabling the tap link of the main bus
Product compatibility	For Premium PLC For Atrium slot-PLC
Structure type	Industrial bus

Complementary

Physical interface	RS485
Method of access	Master class 1 Master class 2
Mode of transmission	NRZ
Transmission support medium	twisted shielded pairs cable
Transmission rate	12 Mbit/s, 100 m bus without repeater 12 Mbit/s, 400 m bus with 3 repeaters 9.6 kbit/s, 1200 m bus without repeater 9.6 kbit/s, 4800 m bus with 3 repeaters
Number of server device(s)	126
Number of inputs	3872
Number of outputs	3872
Communication service	Check slave configuration (on power up) class 1 master Manage monitoring request (Global CONTROL and Get Master Diag) class 2 master No master/master dialogue class 2 master Profibus FMS message handling not supported class 1 master Profibus FMS message handling not supported class 2 master Read/write DP slave I/O data class 1 master Set slave parameters (on power up) class 1 master Transfer slave diagnostic data class 1 master
Current consumption	400 mA at 5 V DC internal
Module format	Standard
Net weight	0.87 kg

Environment

Ambient air temperature for operation	0...60 °C
Ambient air temperature for storage	-25...70 °C

Relative humidity	5...95 % without condensation
Operating altitude	<= 2000 m
Protective treatment	Conformal coating Humiseal 1A33

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1



Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

Use Longer



Lifetime extension

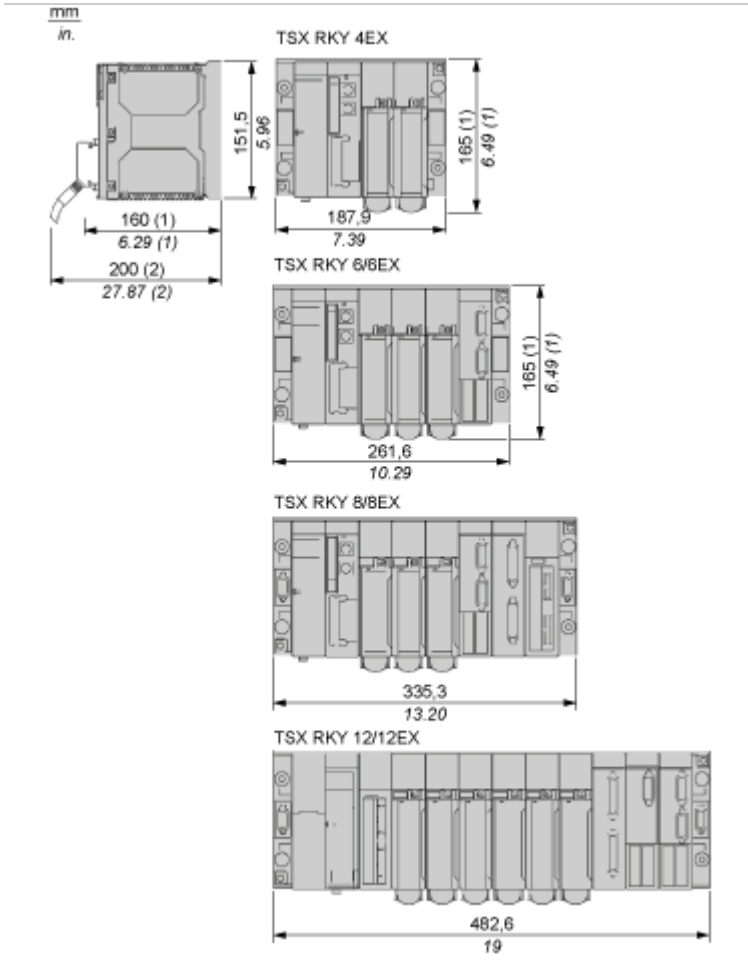
Repair

No

Dimensions Drawings

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.