



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 Atrium slot-PLC For Premium PLC
Structure type	Industrial bus

Complementary

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

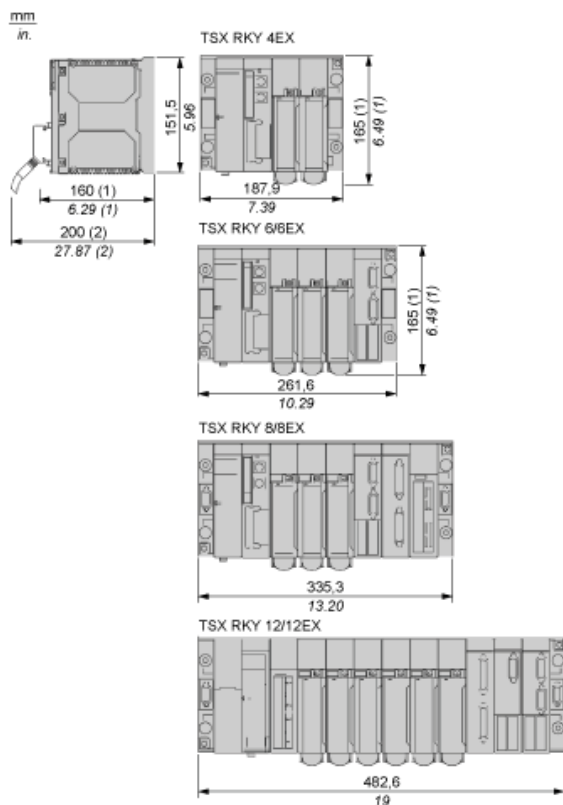
Environment

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

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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.