# Product data sheet
## Characteristics

# TSXPBY100
## Profibus DP V0 - module kit - for Premium PLC

Product availability: Stock - Normally stocked in distribution facility

Price*: 4025.00 USD

## Main

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

## Complementary

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|---|---|
| Physical interface | RS485 |
| Method of access | Master class 2<br>Master class 1 |
| Mode of transmission | NRZ |
| Transmission support medium | Twisted shielded pairs cable |
| Transmission rate | 9.6 kbit/s for bus length of 15748.03 ft (4800 m) with 3 repeaters<br>9.6 kbit/s for bus length of 3937.01 ft (1200 m) without repeater<br>12 Mbit/s for bus length of 1312.34 ft (400 m) with 3 repeaters<br>12 Mbit/s for bus length of 328.08 ft (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<br>Set slave parameters (on power up) - class 1 master<br>Read/Write DP slave I/O data - class 1 master<br>Profibus FMS message handling not supported - class 2 master<br>Profibus FMS message handling not supported - class 1 master<br>No master/master dialogue - class 2 master<br>Manage monitoring request (Global CONTROL and Get Master Diag) - class 2 master<br>Check slave configuration (on power up) - class 1 master |
| Current consumption | 400 mA at 5 V DC (internal) |
| Module format | Standard |
| Product weight | 1.92 lb(US) (0.87 kg) |

## Environment

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|---|---|
| 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 |
| Operating altitude | <= 6561.68 ft (2000 m) |

## Ordering and shipping details

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|---|---|
| Category | 22558 - TSX PREMIUM, ATRIUM & PL7 PRO |
| Discount Schedule | PC22 |
| GTIN | 00785901729341 |
| Nbr. of units in pkg. | 1 |
| Product availability | Stock - Normally stocked in distribution facility |
| Returnability | Y |
| Country of origin | FR |

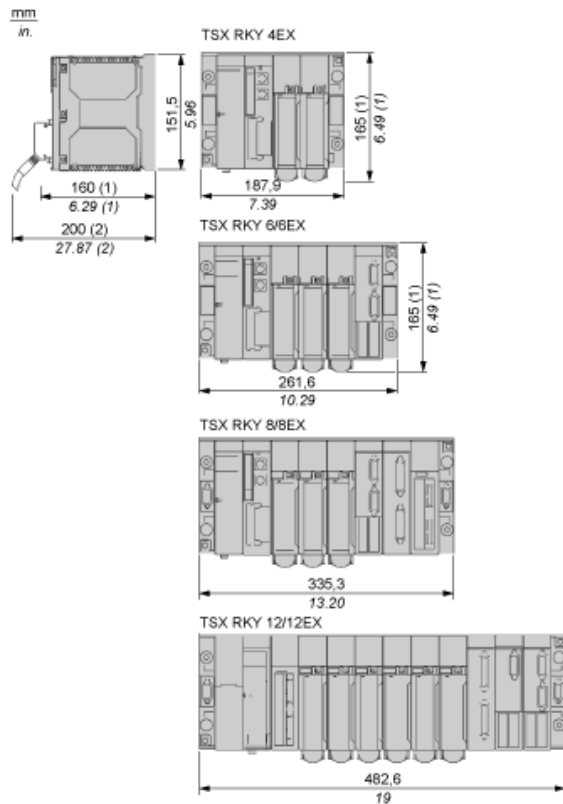## Offer Sustainability

| | |
|---|---|
| Sustainable offer status | Not Green Premium product |
| RoHS (date code: YYWW) | Compliant - since 1040 - Schneider Electric declaration of conformity |
| REACh | Reference contains SVHC above the threshold - go to CaP for more details |
| Product end of life instructions | Need no specific recycling operations |

## Contractual warranty

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|---|---|
| Warranty period | 18 months |

## 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.