

TSXIBY100

InterBus bus module - industrial bus - for
Premium PLC - 500 mA at 5 V DC

Price* : 3,801.90 USD



⚠ Discontinued

Commercial status

Discontinued on: 31 July 2017

To be end-of-service on: 30 June 2022

TSXIBY100 has not been replaced. Please contact your customer care center for more information.

Main

Range of product	Modicon Premium Automation platform
Product or component type	InterBus bus module
Product specific application	For Premium PLC
Structure type	Industrial bus
Number of tap-offs	<= 16 remote bus

Complementary

Physical interface	Combined interface InterBus loop RS485 remote bus RS485 with 24 V DC in cable installation remote bus TTL local bus
Method of access	Master/slave generation 4
Mode of transmission	NRZ
Transmission rate	500 kbit/s
Transmission support medium	2 x 1.5 mm ² InterBus loop Fiber optic remote bus Infrared remote bus Rotating collector remote bus Twisted pair remote bus Wave guide rail remote bus
Maximum length of segment	656.17 ft (200 m) InterBus loop 1312.34 ft (400 m) remote bus
Maximum cable distance between devices	4.92 ft (1.5 m) local bus between 2 bus terminals modules 4.92 ft (1.5 m) local bus between bus terminal module and first module 32.81 ft (10 m) InterBus loop between 2 bus terminals modules 32.81 ft (10 m) local bus between bus terminal module and last module 328.08 ft (100 m) InterBus loop between bus terminal module and last module 41994.75 ft (12800 m) remote bus between module and last station on the remote bus 65.62 ft (20 m) InterBus loop between bus terminal module and first module 1312.34 ft (400 m) remote bus between 2 bus terminals modules 1312.34 ft (400 m) remote bus between module and the first bus terminal module 164.04 ft (50 m) installation remote bus between 2 bus terminals modules 164.04 ft (50 m) between bus terminal module and first module 164.04 ft (50 m) installation remote bus between bus terminal module and last module
Number of loops	1 InterBus loop
Number of bus terminals module	254 remote bus

* Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Number of slave	512 remote bus 63 InterBus loop 8 local bus
Maximum input/output number	Remote bus 4096 3872 3872
Communication service	Bus operating modes management Cyclical variable exchange Logical addressing PMS messaging Pre-processing Segmentation Implicit exchange of data process 242 %IW 242 %QW
Local signalling	6 LEDs
Electrical connection	1 connector female SUB-D 9 RS232 CMD tool software support 1 connector female SUB-D 9 RS485 Interbus link
Current consumption	500 mA 5 V DC
Module format	Standard
Net Weight	0.71 lb(US) (0.32 kg)

Environment

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	0...6561.68 ft (0...2000 m)
IP degree of protection	IP20

Ordering and shipping details

Category	22558-TSX PREMIUM, ATRIUM & PL7 PRO
Discount Schedule	PC22
GTIN	00785901374930
Package weight(Lbs)	1.15 lb(US) (0.523 kg)
Returnability	No
Country of origin	FR

Packing Units

Package 1 Height	2.17 in (55.000 mm)
Package 1 width	7.09 in (180.000 mm)
Package 1 Length	10.24 in (260.000 mm)

Offer Sustainability

California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov
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Contractual warranty

Warranty	18 months
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