

TSXSCY11601

RS485 communication module - 2 twisted shielded pairs cable - 32 devices

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



Commercial status

Discontinued on: 02 December 2020

To be end-of-service on: 31 December 2026

ⓘ Restricted Sales for Services

Main

Range of product	Modicon Premium Automation platform
Product or component type	Communication module
Software designation	Unity Pro
Structure type	Heterogeneous industrial bus

Complementary

Product compatibility	Premium Atrium
Method of access	Master/slave type
Integrated connection type	1 serial link 1 SUB-D 25
Communication port protocol	Modbus
Communication port support	RS485 isolated
Mode of transmission	Asynchronous in baseband
Transmission frame	RTU/ASCII Character mode Uni-Telway
Transmission rate	1.2...19.2 kbit/s
Transmission support medium	2 twisted shielded pairs cable
Number of devices	32
Number of addresses	0...247
Bus length	0.00...4265.09 ft (0...1300 m) character mode 0.00...4265.09 ft (0...1300 m) Modbus 0.00...4265.09 ft (0...1300 m) Uni-Telway
Maximum tap links length	49.21 ft (15 m)
Requests	120 words per request 1920 bits per request
Control parameter	One CRC 16 on each frame
Monitoring function	Diagnostic counters Event counters
Modbus functions available	Event connection Modbus master 0C Event connection Modbus slave 0C Event counter Modbus master 0B Event counter Modbus slave 0B Identification Modbus slave 11

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Slave identification Modbus master 11
 Write n output bits Modbus slave 0F
 Write n output words Modbus slave 10
 Diagnostic Modbus master 08
 Diagnostic Modbus slave 08
 Exceptional read status Modbus master 07
 Exceptional read status Modbus slave 07
 Read bits Modbus master 01
 Read input bits Modbus master 02
 Read input bits Modbus master 04
 Read n input bits Modbus slave 02
 Read n input words Modbus slave 04
 Read n output bits Modbus slave 01
 Read n output words Modbus slave 03
 Read words Modbus master 03
 Write 1 bits or n bits Modbus master 05
 Write 1 input word Modbus slave 06
 Write 1 output bit Modbus slave 05
 Write 1 word or n word Modbus master 06

Local signalling	for communication (CHO) 1 LED for internal fault, module failure (ERR) 1 LED for module operating (RUN) 1 LED
Current consumption	350 mA 5 V DC
Module format	Standard
Net Weight	0.75 lb(US) (0.34 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	<= 6561.68 ft (2000 m)

Ordering and shipping details

Category	22558 - TSX PREMIUM, ATRIUM & PL7 PRO
Discount Schedule	PC22
GTIN	00785901659426
Nbr. of units in pkg.	1
Package weight(Lbs)	2.2 lb(US) (1.00 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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TSXSCY11601 is replaced by:



Standard environment BMXNOM0200

Serial link module with 2 RS-485/232 ports in Modbus and Character mode

Qty 1

Reason for Substitution: End of life | Substitution date: 31 December 2018
