



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

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. 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. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

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 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 (CH0) 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	3595862054034
Returnability	No
Country of origin	FR

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	2.17 in (5.5 cm)
Package 1 Width	7.09 in (18.0 cm)
Package 1 Length	10.24 in (26.0 cm)
Package 1 Weight	16.58 oz (470.0 g)
Unit Type of Package 2	S04
Number of Units in Package 2	12
Package 2 Height	11.81 in (30.0 cm)
Package 2 Width	15.75 in (40.0 cm)
Package 2 Length	23.62 in (60.0 cm)
Package 2 Weight	12.43 lb(US) (5.64 kg)

Offer Sustainability

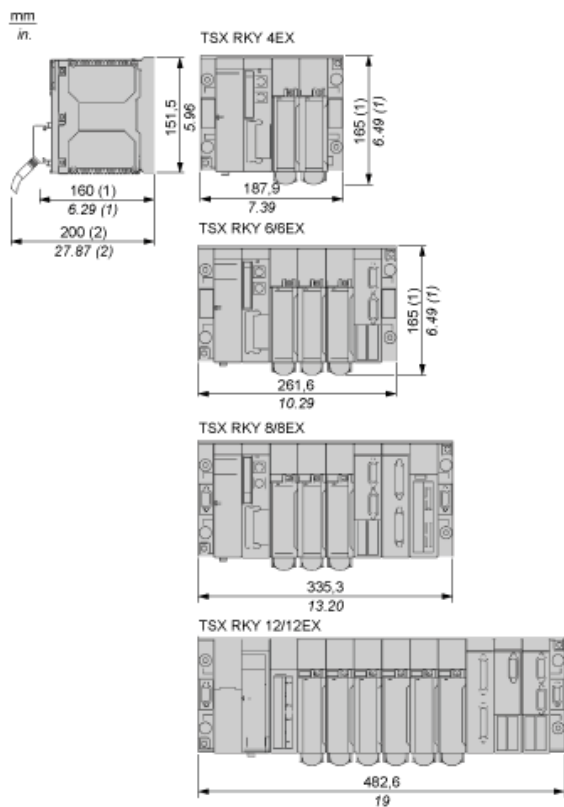
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov
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Contractual warranty

Warranty	18 months
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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.

Connecting the Serial Link Communication Module

