

TSXSCY21601

RS485+PCMCIA communication module - 2 twisted shielded pairs cable - 28 devices

Product availability: Stock - Normally stocked in distribution facility

Price*: 1797.00 USD

Main

Commercial Status	Commercialised
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	Atrium Premium
Method of access	Master/Slave type
Integrated connection type	1 slot for PCMCIA type III card 1 serial link 1 SUB-D 25
Communication port protocol	Multiprotocol
Communication port support	RS485 isolated
Mode of transmission	Asynchronous in baseband
Transmission frame	RTU/ASCII
Transmission rate	1.2...19.2 kbit/s
Transmission support medium	2 twisted shielded pairs cable
Number of devices	28
Number of addresses	0...97
Bus length	4265.09 ft (1300 m) Modbus
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

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Modbus functions available	Write 1 word or n word Modbus master 06 Write 1 output bit Modbus slave 05 Write 1 input word Modbus slave 06 Write 1 bits or n bits Modbus master 05 Read n input words Modbus slave 04 Read input words Modbus master 04 Exceptional read status Modbus slave 07 Exceptional read status Modbus master 07 Diagnostic Modbus slave 08 Diagnostic Modbus master 08 Write n output words Modbus slave 10 Write n output bits Modbus slave 0F Slave identification Modbus master 11 Identification Modbus slave 11 Event counter Modbus slave 0B Event counter Modbus master 0B Event connection Modbus slave 0C Event connection Modbus master 0C
Local signalling	1 LED module operating (RUN) 1 LED internal fault, module failure (ERR) 1 LED communication (CH0)
Current consumption	350 mA 5 V DC
Module format	Standard
Product weight	0.79 lb(US) (0.36 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	00785901306917
Nbr. of units in pkg.	1
Product availability	Stock - Normally stocked in distribution facility
Returnability	Y
Country of origin	FR

Offer Sustainability

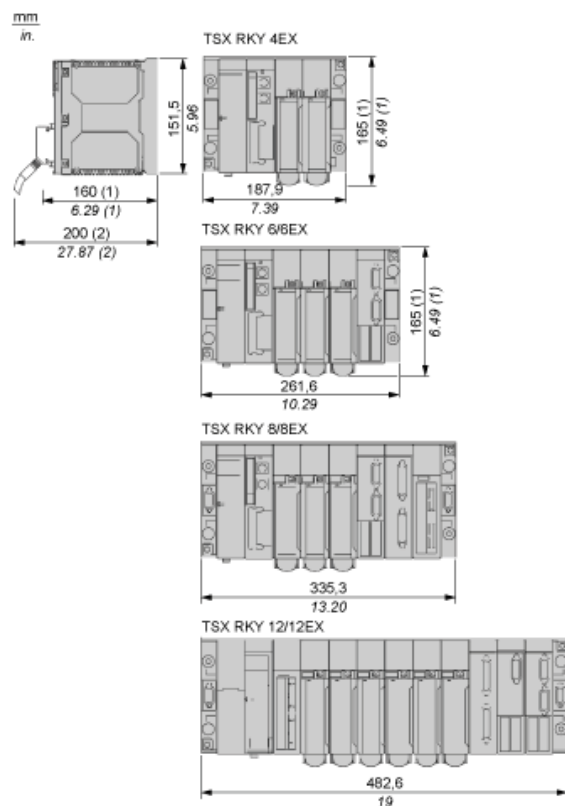
Sustainable offer status	Not Green Premium product
RoHS (date code: YYWW)	Compliant - since 0925 - Schneider Electric declaration of conformity
REACH	Reference contains SVHC above the threshold - go to CaP for more details
Product end of life instructions	Need no specific recycling operations

Contractual warranty

Warranty period	18 months
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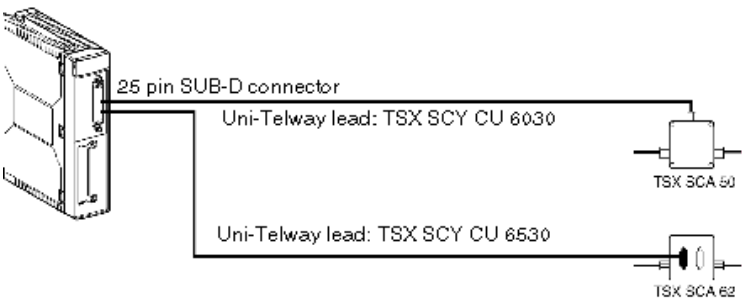
Standard and Extendable Racks for Modules Mounting

Dimensions of Modules and Racks

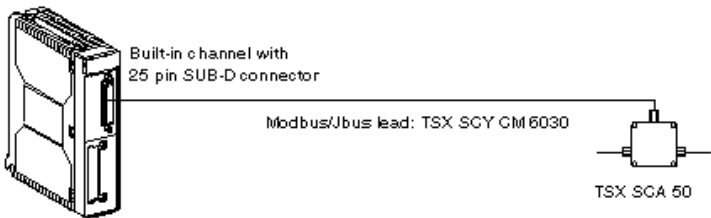


- (1) With screw terminal block modules.
(2) Maximum depth for all types of modules and their associated connectors.

Connection of the Serial Link Communication Module to Uni-Telway Field Bus



Connection of the Serial Link Communication Module to the Modbus Field Bus



Connection of the Serial Link Communication Module in Character Mode

