TSXSCY21601
RS485+PCMCIA communication module - 2 twisted shielded pairs cable - 28 devices

Accessories

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	Atrium Premium
Method of access	Master/slave type
Integrated connection type	1 serial link 1 SUB-D 25 1 slot for PCMCIA type III card
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	1300 m Modbus
Tap links length	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 funtions 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 input words Modbus master 04 Read n input words Modbus slave 04 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	1 LED communication (CH0) 1 LED internal fault, module failure (ERR) 1 LED module operating (RUN)
Current consumption	350 mA 5 V DC
Module format	Standard
Product weight	0.36 kg

Environment

Ambient air temperature for operation	0...60 °C
Ambient air temperature for storage	-25...70 °C
Relative humidity	5...95 % without condensation
Operating altitude	<= 2000 m

Offer Sustainability

Sustainable offer status	Not Green Premium product
RoHS	Compliant - since 0925 - Schneider Electric declaration of conformity
REACh	Reference not containing SVHC above the threshold