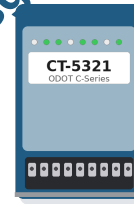


CT-5321 Modbus Serial Port Module

1-channel serial communication - RS485/RS232/RS422, Modbus RTU/ASCII



The ODOT CT-5321 is a C-Series serial communication module with one configurable RS485/RS232/RS422 channel supporting Modbus RTU/ASCII as master, slave or free (transparent) transmission. Mounted on an ODOT adapter, it bridges serial Modbus field devices (VFDs, power meters, instruments) onto PROFINET, EtherCAT, EtherNet/IP, Modbus-TCP and other protocols.

General / Identification

Brand / Series	ODOT, C-Series Remote I/O
Module type	Serial port (Modbus) communication module
Power consumption	Max. 500 mA @ 5.0 VDC
Field power	24 VDC (range 19.2-28.8 VDC)

Communication / Functional

Channels	1 channel
Interface	RS485 / RS232 / RS422 (optional)
Protocol	Modbus RTU / ASCII
Mode	Master / Slave / Free transparent transmission
Baud rate	300 bps - 500 kbps
Data bits	7 / 8
Parity	None / Odd / Even
Isolation (I/O to internal bus)	Opto-coupler, 3 kVrms

Mechanical & Environmental

Mounting	35 mm DIN-rail
Dimensions (W x H x D)	115 x 74 x 75 mm
Wiring (max conductor)	1.5 mm ² (AWG 16)
Protection class	IP20
Operating temperature	-40 to +85 C

Compliance

Certifications	CE; ISO 9001 (manufacturer-stated)
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Typical applications. Integrating serial Modbus devices (VFDs, meters, instruments) into fieldbus networks.

Specifications are taken from the manufacturer's published data and are subject to change without notice. Confirm against the current manufacturer's manual before used or safety-critical use.