



CAN485

Wall Mounting

CAN to RS-485 Interface Converter

- Support data conversion between 1 CAN port and 1 RS-485 serial port
- Support multiple conversion modes like transparent conversion, marked transparent conversion, Modbus RTU protocol conversion and data conversion
- CAN port support 2.5kbps-1000kbps baud rate
- Support 9~48VDC wide voltage input
- Support -40 ~ 75°C wide operating temperature range



Specification

CAN Interface	<p>Standard: CAN2.0A, CAN2.0B Interface quantity: 1 CAN port CAN signal: CANH, CANL, GND Duplex mode: 2-wire Half Duplex Mode Baud rate: 2.5kbps-1000kbps Load capacity: support concurrent transmitting of 110 nodes Transmission distance: 40m~10km Interface form: adopt 5-pin 5.08mm pitch terminal blocks Terminating resistor: optional external 120Ω terminating resistor Interface protection: 2kVAC isolation protection</p>
Serial Port	<p>Standard: EIA RS-485 Protocol: Modbus RTU (optional) Serial port quantity: 1 RS-485 serial port RS-485 signal: D+, D-, GND Baud rate: 300-115200bps Data bit: 8bit Check bit: None, Even, Odd, Space, Mark Stop bit: 1bit, 2bit Interface form: DB9, Male Transmission distance: 1200m</p>
Configuration Method	Windows configuration tool
Data Conversion Mode	Transparent conversion, marked transparent conversion, Modbus RTU protocol conversion, data conversion
LED Indicator	Power supply indicator, CAN port indicator, serial port indicator
Power Requirement	<p>9~48VDC 2-pin 5.08mm pitch terminal blocks Support non-polar connection</p>
Power Consumption	<p>No-load: 1.58W@24VDC Full-load: 1.59W@24VDC</p>
Environmental Limit	<p>Operating temperature: -40~75℃ Storage temperature:-40~85℃ Relative humidity: 5% ~ 95%(no condensation)</p>
Physical Characteristic	<p>Housing: IP40 protection, metal Installation: wall mounting</p>

	Dimension (W x H x D): 69mm×22mm×100mm Weight: 238g
	IEC 61000-4-2 (ESD, electrostatic discharge), Level 3 <ul style="list-style-type: none">Air discharge: ±8kV
Industrial Standard	Shock: IEC 60068-2-27 Free fall: IEC 60068-2-32 Vibration: IEC 60068-2-6
Certification	CE, FCC, RoHS
Warranty	3 years



Ordering Information

Available Models	CAN	RS-485	Power Supply Range
CAN485	1	1	9~48VDC



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