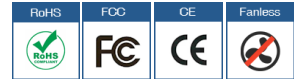


CTCS-003

RS-232/485 to CAN Bus Converter

Features:

- Bidirectional Data Transmission
- Working Temperature: -40°C to 85°C
- Operating Voltage: 12-36 VDC



Introduction:

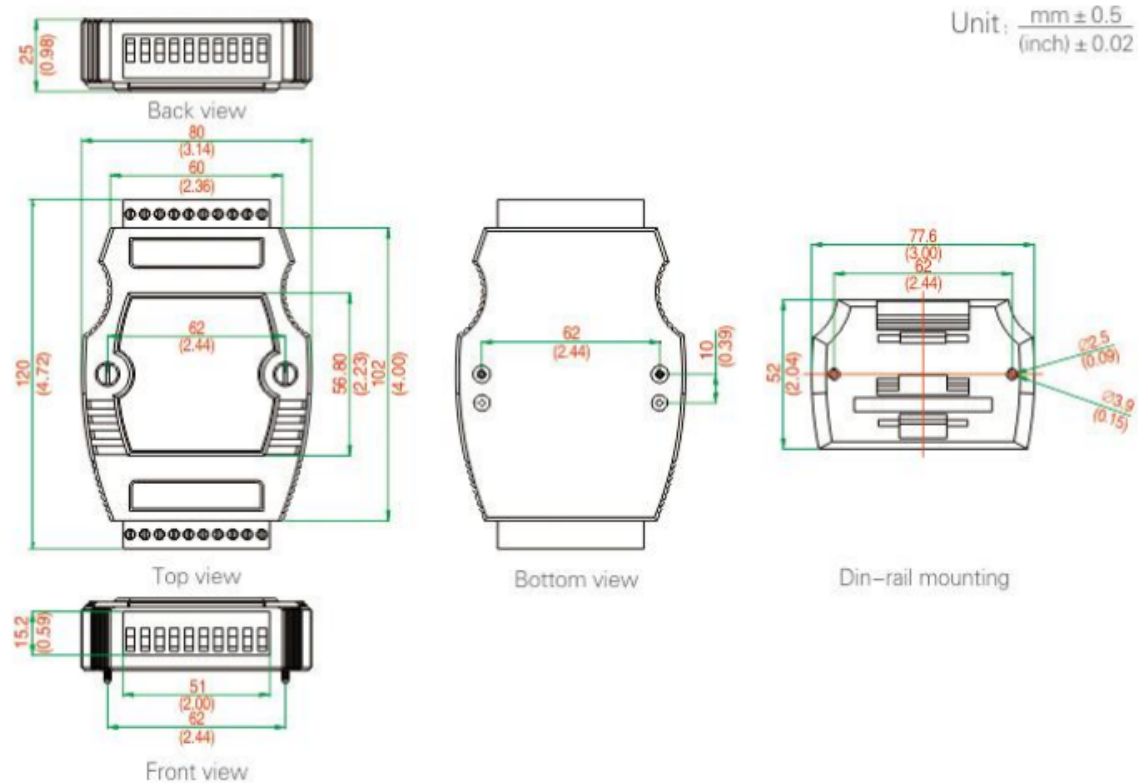
The CTCS-003 is a high-performance RS-232/485 to CAN-Bus converter designed to enable seamless interconnection between serial and CAN-Bus networks. It supports RS-232/485 baud rates from 1,200 to 115,200 bps and CAN-Bus rates from 5 kbps to 1 Mbps. To maximize versatility, the converter supports three distinct data conversion modes: transparent conversion, transparent conversion with identifiers, and Modbus protocol conversion. Users can easily configure interface parameters via the included software utility.

Built to industrial standards, the CTCS-003 features full isolation between the CAN communication interface and the system. With robust anti-interference and surge protection, it is an ideal solution for industrial control and complex data communication systems.

Specification:

Hardware	
Standards	Complies with EIA/TIA RS-232/485 Standards; Supports CAN 2.0 Protocol
Interface	Supports Bidirectional Data Transmission between CAN-bus & RS-232/485
Data Conversion Mode	Transparent Conversion, Transparent Conversion with Identifiers, Modbus Protocol Conversion
Working Voltage	12-36 VDC
Working Current	≤150 mA @ 12 V
Working Temperature	-40°C to 85°C
Storage Temperature	-40°C to 85°C
Relative Humidity	5% to 95% (Non-condensing)
Storage Humidity	5% to 95% (Non-condensing)
Isolation Voltage	1,000 VDC

Dimension Drawing:



Ordering Information:

CTCS-003

RS-232/485 to CAN BUS Converter, Photoelectric Isolated, 1 x CAN-bus Port, 1 x RS-232/485 Port, Working Voltage: 12-36 VDC, Operating Temperature: -40°C to 85°C

Other Models Are Available Upon Request.