

CAN Protocol Communications Module

Red Lion Automation Series



▶▶▶ CAN Protocol Communication

The CAN plug-in module expands the communication capabilities of select devices by seamlessly integrating with CAN protocol networks.

Red Lion's CAN communications module provides easy integration for select Red Lion products with CAN protocol networks, allowing for translation between more than 300 different protocols and connected CAN based devices.



APPLICATIONS

- > Automotive
- > Food & Beverage
- > Factory Automation
- > OEM Machine Builders
- > Water/Wastewater

PRODUCT HIGHLIGHTS

- > Seamless CAN network integration
- > Communicate with over 300 industrial protocols

FEATURES & BENEFITS

- > CAN protocol conversion
 - Easily integrates select Red Lion devices into CAN protocol networks
 - Converts between CAN and more than 300 different protocols
- > All-in-one solution
 - Removes need for external devices and communication gateways
 - Cost-effectively saves space, and time
- > -10 to 50 °C operating temperature
 - Reliably works in harsh environments
- > Powered from host device
 - Simplifies deployment by eliminating external power requirement
- > Easily programmed
 - Seamless configuration using Red Lion's Crimson desktop software

▶▶▶ CAN Protocol Communication Module Specifications

POWER

CAN Max Power: 1.2 W (supplied by host device)

COMMUNICATION PROPERTIES

CAN Protocol Port:

- Software programmable up to 1 Mbaud and digitally isolated
- 124 ohm, 1 W termination provided through switch
- Port may be configured for various CAN protocols
- Isolation from host
- 1000 VDC for 1 minute

CERTIFICATIONS AND COMPLIANCES

- CE Approved
- EN 61326-1 for Industrial Locations
- IEC/EN 61010-1
- RoHS Compliant

ENVIRONMENTAL

- Operating Temperature Range: -10 to 50 °C
- Storage Temperature Range: -40 to 85 °C
- Operating and Storage Humidity: 85 % max relative humidity, non-condensing
- Altitude: Up to 2000 meters

COMPATIBLE HOST DEVICES

- CR3000 HMIs
- DA30D High Performance Data Station

ORDERING GUIDE

PART NUMBER	DESCRIPTION
CRM000CMCAN00000	CAN Protocol Communication Module

DIMENSIONS *In inches (mm)*

