Graphite™ Module: CAN Protocol
Red Lion Automation Series

red lion ®

►►► CAN Protocol Communication

The GMCAN plug-in module expands the communication capabilities of our Graphite series HMI operator interface panels by seamlessly integrating with CAN protocol networks.

Red Lion's GMCAN module provides easy Graphite HMI integration with CAN protocol networks, allowing for translation of more than 300 different protocols. Configure the GMCAN module using Red Lion's Crimson® software, which makes setup simple via an intuitive graphical user interface with drag-and-drop functionality.

APPLICATIONS

> Transportation

> Agriculture

> Manufacturing

> Construction

> Oil & Gas

PRODUCT HIGHLIGHTS

> Seamless CAN network integration

> Support for over 300 different protocols

> All-in-one solution

FEATURES & BENEFITS

> CAN Protocol Conversion
  - Easily integrates Graphite HMIs 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

> -40° to 75°C Operating Temperature
  - Reliably works in harsh environments

> Powered from Graphite Host
  - Simplifies deployment by eliminating external power requirement

> Easily Programmed
  - Seamless configuration using Red Lion's Crimson desktop software

industrial **automation**

CE

POWER

GMCAN Max Power: 1.2 W (supplied by Graphite host device)

COMMUNICATION PROPERTIES

CAN Protocol Port:
Software programmable up to 1M baud and digitally isolated
124 ohm, 1 W termination provided through switch
Port may be configured for various CAN protocols
Isolation from Graphite Host
1000 VDC for 1 minute

CERTIFICATIONS AND COMPLIANCES

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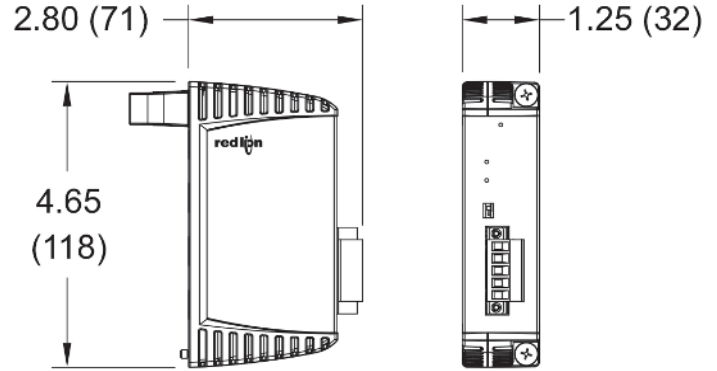EN 61326-1 to Industrial Locations
IEC/EN 61010-1
RoHS Compliant

ENVIRONMENTAL

Operating Temperature Range: -40° to +75°C
Storage Temperature Range: -40° to +80°C
Operating and Storage Humidity: 85% max relative humidity,
non-condensing, from 0° to +50°C
Altitude: Up to 2000 meters

ORDERING GUIDE

PART NUMBER	DESCRIPTION
GMCAN000	Graphite Module, CAN Protocol Interface

DIMENSIONS *In inches (mm)*

2.80 (71)   1.25 (32)

4.65 (118)