RedLion®
BY HMS NETWORKS

Graphite® CAN Protocol Module

Item number: GMCAN000

The Graphite CAN protocol module adds CAN protocol capability to your HMI easily and cost-effectively. Seamless configuration using desktop software, converts over 300 industrial protocols. All-in-one solution with no external power required. Ideal for a wide range of industrial applications.

Seamlessly integrate Graphite® HMIs into CAN protocol networks

Features and benefits

✓ **Communicates with CAN devices**

Add a CAN communication gateway to your Graphite host device without additional gateways, devices or power sources. An all-in-one solution that upgrades your system easily and quickly at low cost.

✓ **User-friendly Crimson® configuration software**

Easily programmable interface powered by Crimson® configuration software using drag-and-drop functionality.

✓ **Built-in termination resistor**

A built-in termination resistor is selectable through a switch.

✓ **LED status indicator**

A green/red status LED provides information about module status, including startup routine and error states.

✓ **Industry certified**

CE, ATEX, IECEx, UKEX and Class 1, Division 2 approvals for hazardous locations. ABS type approval for shipboard applications.

✓ **Seamless and simple CAN protocol conversion**

Built-in protocol conversion makes it easy to integrate Graphite series HMI operator interface with CAN protocol networks. Conversion support between CAN and over 300 different industrial protocols.

✓ **Digital isolation function**

Built-in digital isolation protects the host device from the CAN bus and vice versa.

✓ **Easy to connect and remove**

Easy plug-in and removal of the module via proprietary USB connection.

✓ **Rugged and reliable in industrial environments**

Durable metal construction. Operating temperature of -40 °C to 75 °C.

✓ **Powered by host device**

Simple deployment with no external power supply needed. Maximum power is 1.2 W.

Graphite® CAN Protocol Module

General

Net Weight (g)	0.01
Packed Width (mm)	149.225
Packed Height (mm)	79.375
Packed Depth (mm)	168.275
Packed Weight (g)	227.01
Relative Humidity	85 % max relative humidity, non-condensing
Power Consumption (W)	0
Maximum Installation Altitude (m)	2000
Mounting	Wall mount
Housing Materials	Metal Housing
Packaging Material	Cardboard
Warranty (years)	2

Identification and Status

Product ID	GMCAN000
Country of Origin	United States of America (the)
HS Code	8538909999
Dual Usage	No
Export Control Classification Number (ECCN)	EAR99

Physical Features

Connectors / Input / Output	Terminal
SD Card Slot	Yes

Graphite® CAN Protocol Module

Physical Features

Flash Drive	No
Contains Battery	No

Certifications and Standards

RoHS Compliant	Yes
CE	Yes
FCC	No
UKCA	Yes
UL	Yes
ATEX	Yes
DNV	No
KC	No