Graphite® Module: Crimson® Control

Red Lion Automation Series

red lion®

Red Lion's Graphite® Crimson® Control Module plugs into Graphite HMIs to form an all-in-one industrial solution that combines communication, control and visualization capabilities to reduce cost and ease operations.

Crimson Control, which is part of Crimson 3.0 software, enables organizations to use IEC 61131 programming languages – such as Ladder Logic, Function Block, Structured Text and Instruction List – to solve specific application needs by developing logic control much like a Programmable Logic Controller (PLC) or Remote Telemetry Unit (RTU) without the added expense. The end result adds IEC 61131 control functionality to provide a single solution for control, networking and data visualization without requiring additional panel space or a separate programming package.

INDUSTRY APPLICATIONS

> Factory Automation

> Oil & Gas

> Power & Utilities

> Water/Wastewater

> Industrial Internet of Things (IIoT)

PRODUCT HIGHLIGHTS

> IEC 61131 Logic Control Programming

> Rugged Evironmental Specifications

> All-in-One Industrial Solution

> Easy Configuration

FEATURES & BENEFITS

> IEC 61131 Logic Control Programming
  - Use industry-standard IEC 61131 programming languages such as Ladder Logic, Function Block, Structured Text and Instruction List
  - Easy single-solution configuration eliminates need for third-party software

> All-in-One Industrial Solution
  - Combine communication and control capabilities to reduce cost and ease operations
  - Cost-effectively saves space and time

> Rugged Environmental Specifications
  - Wide operating temperature
  - CE, UL and UL Hazardous approvals

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

> Easy Configuration
  - Simple setup using Red Lion's Crimson 3.0 software

industrial automation

CE c(UL)us LISTED

POWER

GMCC Max Power: 1.1 W (supplied by Graphite host device)

LEDs

STS - Status LED shows module condition

CERTIFICATIONS AND COMPLIANCES

CE Approved:
 EN 61326-1 Immunity to Industrial Locations
 IEC/EN 61010-1
 RoHS Compliant
UL Listed: File #E302106
UL Hazardous: File #E317425

ENVIRONMENTAL

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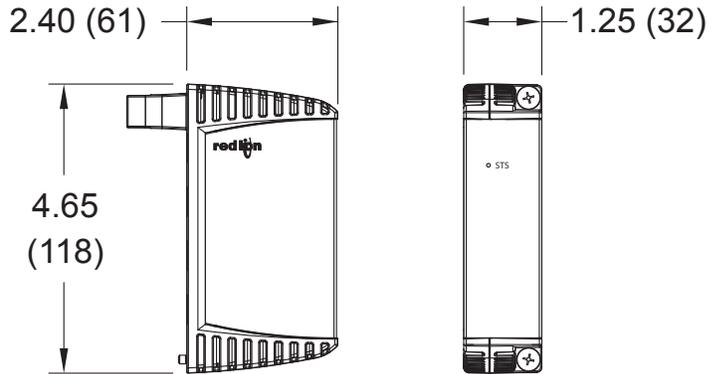 non condensing
Altitude: Up to 2000 meters

ORDERING GUIDE

MODEL NUMBER	DESCRIPTION
GMCC0000	Graphite Module, enables IEC 61131 control capabilities via Crimson Control

Specifications are subject to change. Visit www.redlion.net for more information.

DIMENSIONS *In inches (mm)*

2.40 (61)   1.25 (32)

4.65 (118)

STS

redlion

Americas
sales@redlion.net

Asia-Pacific
asia@redlion.net

Europe
Middle East
Africa
europe@redlion.net

+1 (717) 767-6511

www.redlion.net

Connect. Monitor. Control.

As the global experts in communication, monitoring and control for industrial automation and networking, Red Lion has been delivering innovative solutions for over forty years. Our automation, Ethernet and cellular M2M technology enables companies worldwide to gain real-time data visibility that drives productivity. Product brands include Red Lion, N-Tron and Sixnet. With headquarters in York, Pennsylvania, the company has offices across the Americas, Asia-Pacific and Europe. Red Lion is part of Spectris plc, the productivity-enhancing instrumentation and controls company. For more information, please visit www.redlion.net.