Product Notice

Industrial Automation

Product:

- Graphite™ Series of Advanced Operator Panels

Date: July 2013

Overview:
Introducing the new Graphite series of advanced operator panels from Red Lion Controls. With all cast-aluminum construction, the Graphite series provides the industry's first rugged HMI solution to combine a wide range of versatile plug-in modules with protocol conversion, data logging and web-based monitoring and control.

Innovative Features:
Available in eight different models in sizes ranging from 7" to 15", the sleek Graphite bezels provide a relatively large display given their overall dimension. Both the 7" and 10" HMIs are available as sunlight visible models. Combined with Graphite's rugged packaging and flexible plug-in modules, these models are ideal for harsh outdoor environments and support operating temperatures ranging from -20° and 60°C.

Offering a built-in web server, Graphite HMIs enable users to monitor and control their application via PCs, tablets or smartphones. SMS text-messaging and email alerts provide early warning of process issues, which helps to avoid costly downtime. In addition, its built-in protocol converter allows programmers to select 13 or more simultaneous protocols from a list of over 250 to seamlessly integrate disparate devices such as PLCs, drives, barcode readers and panel meters.

The new HMIs are supported by Red Lion's award-winning Crimson 3.0 software, which is included at no extra cost. Crimson 3.0 makes it fast and easy to configure protocols, define data tags, set up sophisticated applications and create an attractive user interface. Designed for ease of use, Crimson allows customers to cost-effectively standardize on one HMI for all of their machines, regardless of the PLC or drive manufacturer used.

Economic Efficiency:
Built with maximum flexibility in mind, the Graphite series enables customers to select the display size and plug-in modules that best meet current automation requirements. This versatility means that organizations can cost-effectively customize a solution to fit particular environment. The series' range of plug-in modules enables customers to easily create a solution for today, with an option to expand to meet changing business requirements. Further, organizations will realize a reduction in development and commissioning times over traditional systems that use an HMI paired with separate I/O, PLCs and other controllers.

Market Positioning:
From factories to extreme remote locations, Red Lion's rugged, sleek and flexible Graphite series allows customers to easily connect, monitor and control their process across a diverse range of industries that include manufacturing, oil and gas, and water/wastewater.

Materials:
- Press Release
- Brochure
- Datasheet