

Access Your Data

Sensors And Process Control

SIGNAL CONDITIONERS

- Universal, Frequency and temperature inputs
- Setpoint control capability and analog output
- Easy to configure and deploy
- Optional Modbus communication



SENSORS

- Analog sensors include current, temperature and pressure transducers
- Digital encoders include shaft-mount encoders and thru-bore encoders
- Digital sensors include length, proximity, magnetic, sensing gears and motor mounts

Controllers and Data Acquisition

FlexEdge® Intelligent Edge Automation Platform

DA50A, DA70A

- Powered by Crimson software for advanced networking capabilities including routing, VLAN support, VPN client/server and certificate management
- Software defined gateway with IEC61131 capabilities
- Field-unlockable software for changing application needs
- Sled architecture to leverage new communication technologies
- Effortlessly scale by adding up to ten hot-swappable I/O including PID, dual and single Relay and SSR options.
- Rugged construction, -40C to 75C temperature range, Hazardous Location (HazLoc) Certifications, ABS Certification



DA10D, DA30D

- Supports over 300 industrial drivers
- Industrial environment specifications: – Wide operating temperature – High shock & vibration tolerance – UL Class 1, Division 2 (model dependent)
- Real-time data, event & security logging with cryptographic signature support (model dependent)



PID CONTROLLERS

PXU

- Panel mount and DIN rail models available
- Auto tuning of PID settings
- Advanced control algorithm for limiting overshoot
- Relay, SSR Drive and Triac outputs
- Some models support over 300 communication protocols
- HMI with plug-in PID modules for system visualization



Graphite® Edge Controller

- Powered by Crimson software with IEC 61131 control capabilities, networking, and data visualization
- Supports over 300 industrial protocols, including OPC UA data model from device downloading tool
- Choose from a mix of I/O, PID control or communications modules to populate up to 1 local module slots and up to 24 modules slots
- Easy single-solution configuration eliminates need for third-party software



Controllers and Data Acquisition

INDUSTRIAL RTUs

- Data logging
- Programmed via IEC61131
- Non-proprietary Linux® OS supports custom programming
- Communicates with Modbus, Modbus TCP/UDP, and other Industrial protocols
- UL Class I, Division 2 listing, CSA, CE, and ABS Marine ratings
- Operational temperatures of -40° to 70°C



INDUSTRIAL I/O MODULES

E3 I/O™

- Wide variety of mixed I/O configurations
- Industrial design supporting deployment in extreme environments
- Real-Time Ring and dual Ethernet ports for powerful network redundancy
- Built-in security proactively blocks unwanted access



ETHERTRAK®-2 I/O

- Ethernet enabled I/O modules provide simple and secure remote monitoring for deployments in harsh environments
- Offer dual Ethernet ports providing network expandability or redundancy functionality
- Performance in harsh environments the EtherTRAK modules accept 10-30 VDC power input (24 VDC nominal)



Red Lion is focused on being THE Industrial Data Company™. We empower industrial organizations around the world to unlock the value of data by developing and manufacturing innovative products and solutions to access, connect and visualize their information. Red Lion's global manufacturing and support facilities serve customers in factory automation, alternative energy, oil and gas, power and utilities, transportation, water and wastewater industry segments. We provide scalable solutions for cloud connectivity, edge intelligence and asset management, industrial Ethernet switches and industry-leading panel meters and operator panels, to make it easy for companies to gain real-time data visibility that drives productivity. For more information, please visit www.redlion.net

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Connecting You to Your Data