

OPTO 22's groov EPIC

Opto 22 announces world's first Edge Programmable Industrial Controller: *groov EPIC*®

A completely new system brings the future of automation to the present by combining guaranteed-for-life I/O, real-time control, local and remote HMI, and industrial/IT data exchange in a compact, industrial package.



What is EPIC?

- » **Edge** - Collect, process, view, and exchange data where it's produced – at the edge of the network. Securely share data among databases, cloud services, Allen-Bradley® and Siemens® PLC systems and other equipment using tools like Ignition Edge® by Inductive Automation®, Node-RED™, and MQTT/Sparkplug. Visualize data on the integral touchscreen, an external HDMI monitor, or from any web browser or mobile device.
- » **Programmable** - Options for programming include flowchart-based PAC Control™ and future support for IEC-61131. Optional shell access lets you run your own custom-developed application on an open, Linux-based automation system.
- » **Industrial** - From plant floors to remote sites, the edge demands industrially hardened equipment – like solid-state drives, UL Hazardous Locations approval, and ATEX compliance.
- » **Controller** - Reliable real-time control and guaranteed-for-life I/O provide the solid base for all other functions.



ONLINE • CATALOG • ONE-ON-ONE
Our Expertise. Your Advantage®
carltonbates.com | 866.600.6040

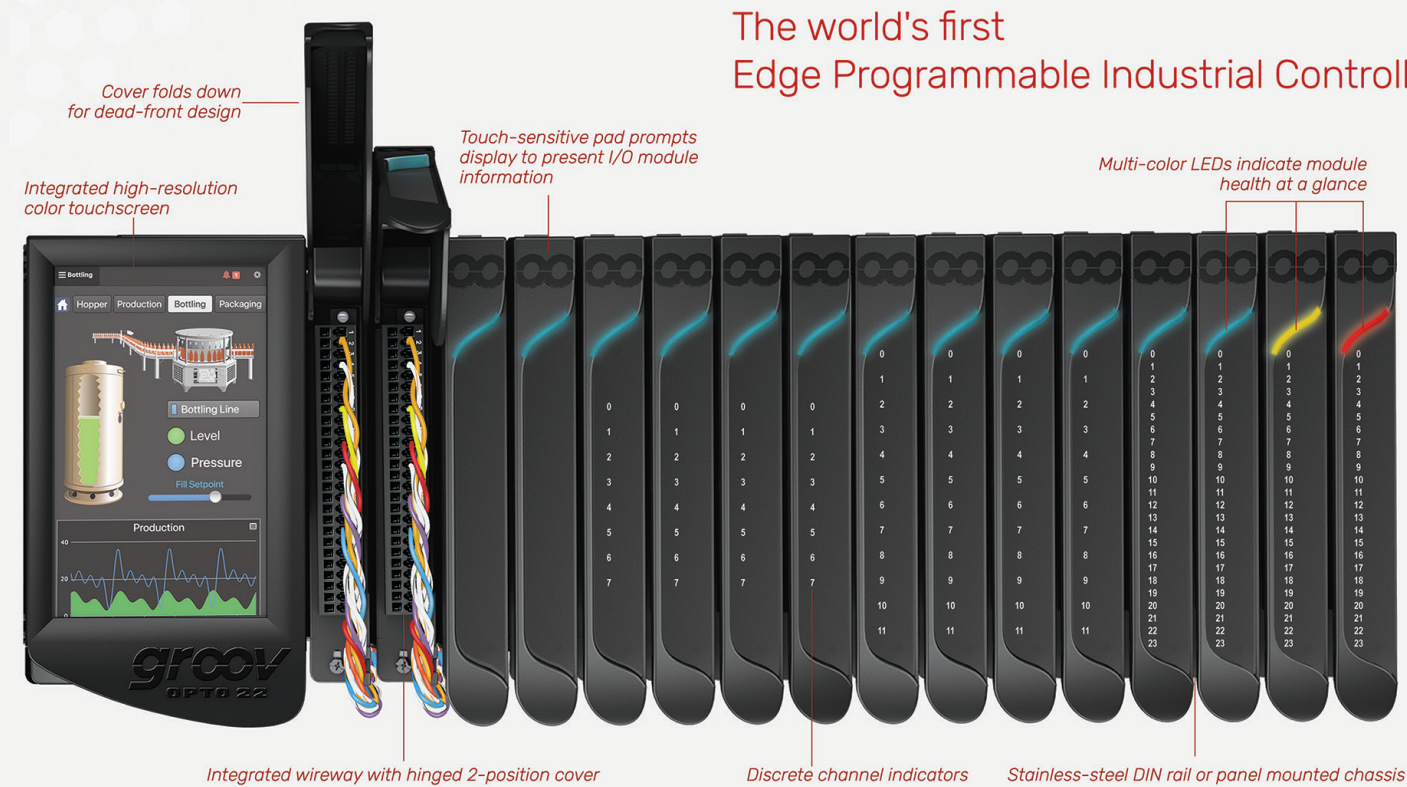


CBC
CARLTON-BATES COMPANY®
A SUBSIDIARY OF WESCO DISTRIBUTION, INC.

OPTO 22
The Future of Automation.

groov EPIC Edge Programmable Industrial Controller

The world's first
Edge Programmable Industrial Controller



groov EPIC processor

- › Real-time, open-source Linux® OS
- › Industrial quad-core ARM® processor
- › Configuration, troubleshooting, and HMI on touchscreen or remotely through web browser
- › Dual, independent Gigabit Ethernet network interfaces
- › Dual USB ports for serial communications, touchscreen monitors, or Wi-Fi adapters
- › HDMI output for optional external monitor
- › Wide -20 to 70°C operating temperature range

groov I/O

- › 4 to 24 channels per module
- › 4, 8, or 16-position stainless-steel chassis
- › Hot-swappable I/O
- › Multi-featured analog output with voltage, current, and loop sourcing in one module
- › Analog inputs offer 20 bit resolution at 0.1% accuracy over span
- › DC outputs: load switching at 0.4 amps per channel @ 70 °C
- › AC outputs: load switching at 0.5 amps per channel @ 70 °C: blown-fuse detection
- › AC/DC outputs: mechanical relay at 5 amps per channel @ 70 °C
- › Channel-to-channel isolation available
- › UL Hazardous Locations approved and ATEX compliant
- › Guaranteed-for-life I/O



ONLINE • CATALOG • ONE-ON-ONE
Our Expertise. Your Advantage®
carltonbates.com | 866.600.6040



CBC
CARLTON-BATES COMPANY®
A SUBSIDIARY OF WESCO DISTRIBUTION, INC.

OPTO 22
The Future of Automation.