In-Cabinet Modular I/O Platform

**Features and Benefits**

**Flexibility**
- Connectivity to ControlNet, DeviceNet, EtherNet/IP and other open networks
- Linear, star, and ring EtherNet/IP network topology
- Supports IO-Link Technology
- Individual, rack, and assembly-level connections
- Horizontal or vertical mounting without derating
- Safe and Standard I/O in the same chassis

**Cost savings**
- Modular design requires less enclosure space
- Up to 504 channels on a single network interface
- Removable terminations accelerate commissioning
- Remove and Insert Under Power (RIUP) reduces maintenance time
- Local autonomous control

**Ease of use**
- Fast, simple configuration and integration
- Full Add-on-Profiles in Studio 5000®
  No other software is needed
- Channel-level diagnostics

**Faster performance**
- Multiple connection types
- Sense-to-actuate < 2 milliseconds

POINT I/O is a family of modular I/O products ideal for applications requiring flexibility and low cost of ownership. With one to eight channel density modules, including a self-configuring discrete module, the modularity of POINT I/O minimizes system costs and size. The ability to mix standard and safe I/O provides even greater flexibility and opportunities for standardization, regardless of application requirements. Since it can be used in local and remote I/O, POINT I/O further reduces engineering costs in design, installation and application development.

As part of the Rockwell Automation Integrated Architecture, POINT I/O provides comprehensive channel-level diagnostics (wire off and short circuit), and configurable features, such as user-set filters and alarms, making it easy to use in your application.

POINT I/O is the only IP20-rated modular I/O solution compliant with ODVA requirements for linear, star, and ring EtherNet/IP architectures. This provides you with greater system reliability and availability, maximizing your uptime and system performance.

IO-Link is the first technology for communication with sensors and actuators to be adopted as an IEC 61131-9 standard. POINT IO-Link Master allows up to four IO-Link devices to be connected to the POINT I/O system. Regardless of the application, POINT I/O brings the power of the Integrated Architecture to the field device in a small, easy-to-use package.
1734-AENT 24V DC EtherNet/IP Adapter
1734-AENTR 24V DC Dual Port Ethernet/IP Adapter
1734-ACFR 24V DC ControlNet Adapter
1734-AON 24V DC DeviceNet Adapter
1734-AONX 24V DC DeviceNet Adapter with Sub-net Expansion
1734-APB 24V DC PROFIBUS Adapter

Digital Output Products
1734-D08 24V DC 8 Point Source Output Module
1734-D08E 24V DC 8 Point Source Output Module with Electronic Fuse Protection
1734-D04 24V DC 4 Point Source Output Module
1734-D04E 24V DC 4 Point Source Output Module with Electronic Fuse Protection
1734-D02 24V DC 2 Point Source Output Module
1734-D02E 24V DC 2 Point Source Output Module with Electronic Fuse Protection
1734-D02EP 24V DC 2 Point Source Output Module with High Current and Protection
1734-D02E 24V DC 2 Point Sink Output Module with Protection
1734-D02E 24V DC 2 Point Sink Output Module with Protection

Self-Configuring I/O Products
1734-SCFG 24V DC 8 Point Self-Configuring Discrete I/O Module
1734-SCFGDX 24V DC 8 Point Self-Configuring Discrete I/O Module with DeviceLogix

Digital Input Products
1734-BI8 24V DC 8 Point Sink Input Module
1734-BI4 24V DC 4 Point Sink Input Module
1734-BI4D 24V DC 4 Point Sink Input Module with Diagnostics
1734-BI2 24V DC 2 Point Sink Input Module
1734-BI0 24V DC 0 Point Sink Input Module
1734-BY8 24V DC 8 Point Source Input Module
1734-BY4 24V DC 4 Point Source Input Module
1734-BY2 24V DC 2 Point Source Input Module
1734-BY0 24V DC 0 Point Source Input Module

Analog Products
1734-B2C 24V DC 2 Point Analog Current Input Module
1734-B2IC 24V DC 2 Point Analog Current Input Module
1734-B2IC 24V DC 2 Point Analog Current Input Module
1734-B2V 24V DC 2 Point Analog Voltage Input Module
1734-B2VC 24V DC 2 Point Analog Current Input Module
1734-D2V 24V DC 2 Point Analog Voltage Input Module
1734-D2VC 24V DC 2 Point Analog Voltage Input Module
1734-D2IC 24V DC 2 Point Analog Current Input Module
1734-D2RC 24V DC 2 Point Analog Voltage Input Module
1734-D2IC 24V DC 2 Point Analog Current Input Module
1734-D2V 24V DC 2 Point RTD Input Module
1734-D2E 24V DC 2 Point High Resolution R/T Input Module
1734-D2J 24V DC 2 Point Thermocouple Input Module

AC and Relay Products
1734-D08R 24V DC 8 Point NO SPST Relay Output Module
1734-D04R 24V DC 4 Point NO SPST Relay Output Module
1734-B02RY 24V DC 2 Point NO/NC SPST Relay Output Module
1734-B02R 120V AC 2 Point Input Module
1734-B04 120V AC 4 Point Input Module
1734-BM2 220V AC 2 Point Input Module
1734-DR2 120/220V AC 2 Point Input Module
1734-DR4 120/220V AC 4 Point Input Module

Speciality Products
1734-4ROI 4 Channel I2C Link Master
1734-232ASC RS232/422/485 Interface Module
1734-485ASC RS485/422/485 Interface Module
1734-VDSC2 24V DC VGPIO w/ Source Output Module
1734-VHSC2 5V DC VGPIO w/ Source Output Module
1734-DEK 24V DC Incremental Encoder Module
1734-U 5V DC Incremental Encoder Module
1734-SSI SSI Absolute Encoder Interface Module
1734-ABRN Address Reserve Module
1734-CTM Common Terminal Module
1734-VTM Voltage Terminal Module

Power Supply Products
1734-EP24DC 24V DC Power Extension Module
1734-EP2AC AC Power Extension Module
1734-TPD Power Isolation Module
1734-PDN DeviceNet Interface Module

Terminal Bases & Accessories
1734-TB 8 Point Terminal Base w/ removal Screw Terminal
1734-TBS 8 Point Terminal Base w/ removal Spring Terminal
1734-TB3 12 Point Terminal Base w/ removal Screw Terminal
1734-TB3S 12 Point Terminal Base w/ removal Spring Terminal
1734-TCJC Terminal Base w/ removal cold-junction compensation terminal
1734-TPD One-piece 8 Point Terminal Base w/ Screw terminal
1734-TP3 One-piece 12 Point Terminal Base w/ Screw terminal
1734-TP3S One-piece 12 Point Terminal Base w/ Spring terminal
1734-EXT1 1m Bus Extension Cable
1734-EXT3 3m Bus Extension Cable

Dual Port Adapters enable Linear topology on EtherNet/IP, saving the costs of a centralized switch and additional cabling.

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