

POINT I/O Features

Adapters	• ControlNet • DeviceNet • EtherNet I/P • Profibus
I/O Types	• Digital • Analog • AC/DC • Thermocouple • RTD • Specialty
Module Density	1...8 points
Specialty Modules	• Encoder • 1 MHz Counter In • Counter In with Outputs • Serial RS232 • RS485 • RS422 • Channel Isolated Thermocouple • RTD • Serial Synchronous Interface (SSI) • Address Reserve
Module Features	• Channel-level diagnostics (LED indicator and electronic) • Channel-level alarm and annunciation (electronic) • Channel-level open-wire detection with electronic feedback • Channel-level short-circuit detection with electronic feedback • Parameter-level explicit messaging • Removal and insertion under power (RIUP) • Horizontal or vertical mounting without derating • Automatic Device Replacement • Add-On-Profiles in RSLogix 5000
Network Connectivity	• DeviceNet (including SubNet connectivity) • ControlNet (Logix controller only) • EtherNet/IP (Logix controller only) • PROFIBUS DP • OPC/DDE Data Monitoring"
Environmental Style	Class I, Division 2/Zone 2, Marine Certification, European ATEX Zone 2 3G
Modules per Node, max	Up to 63

1734-SSI Module Technical Specifications

	1734-SSI
Current, on-state input, min	2 mA
Current, on-state input, nom	4 mA (Field Power Supply Voltage = 24V DC)
Current, on-state input, max	5 mA
Voltage, off-state input, min	Field Power Supply Voltage minus 5V
Voltage, off-state input, max	Equal to Field Power Supply Voltage
Current, off-state input, max	1.2 mA
Input impedance, nom	3.6 k Ω
Input impedance, max	4.7 k Ω
Input filter time, nom	0.5 ms
Field power supply voltage range	10...28.8V DC

⁽¹⁾ Time between successive SSI words (Tp). Also called Dwell Time.

1734-ARM Address Reserve Module

The 1734-ARM address reserve module reserves address and slot numbers to maintain the numbering schemes of purchased I/O module sets.

Non-parameterized, signal modules' structure and address location are retained when replaced with a signal module. The 1734-ARM has no module configuration and does not communicate I/O data.

1734-ARM Module Technical Specifications

	1734-ARM
POINTBus current (mA)	75
Power dissipation, max	0.375 W @ 5V DC
Thermal dissipation, max	1.3 BTU/hr @ 5V DC
Terminal base unit	1734-TB, 1734-TBS, 1734-TOP, or 1734-TOPS
Keyswitch position	Use the keyswitch position of the removed module

1734-CTM Common Terminal and 1734-VTM Voltage Terminal Modules

The POINT I/O Common Terminal Module (1734-CTM) and Voltage Terminal Module (1734-VTM) provide expansion of the termination capability of POINT I/O. Install the Common and Voltage Terminal Modules on a 1734-TB, 1734-TBS, 1734-TOP, or 1734-TOPS terminal base assembly to