

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

provide support for higher density (8 channel) POINT I/O modules and management of wiring of field devices to the POINT I/O solution.

1734 Terminal Modules Technical Specifications

	1734-CTM	1734-VTM
POINTBus current (mA)	—	
Power dissipation	—	
Thermal dissipation	—	
Terminal base unit	1734-TB, 1734-TBS, 1734-TOP, or 1734-TOPS	
Keyswitch position	5	
Isolation voltage	250V (continuous), Basic Insulation Type Type tested at 1600V DC for 60 s, field-side to system	
Field power supply voltage range	10...28.8V DC, 120/240V AC	
Field power supply current, max	2 A per point, 4 A module	
Terminal base screw torque	Determined by installed terminal block	
Field wiring terminations	0 - Common 1 - Common 2 - Common 3 - Common 4 - Common 5 - Common 6 - Common 7 - Common	0 - Voltage out 1 - Voltage out 2 - Voltage out 3 - Voltage out 4 - Voltage out 5 - Voltage out 6 - Voltage out 7 - Voltage out

Specialty I/O Modules Environmental Specifications

1734 Specialty I/O Modules Environmental Specifications

Attribute	Value
Operating temperature	-20...55°C (-4...131°F)
Nonoperating Temperature	-40...85°C (-40...185°F)
Relative humidity	5...95% noncondensing
Operating shock	30 g
Nonoperating shock	50 g
Vibration	5 g @ 10...500 Hz
Enclosure type rating	None (open-style)
Mounting type	—
Certifications (when product is marked)	c-UL-us