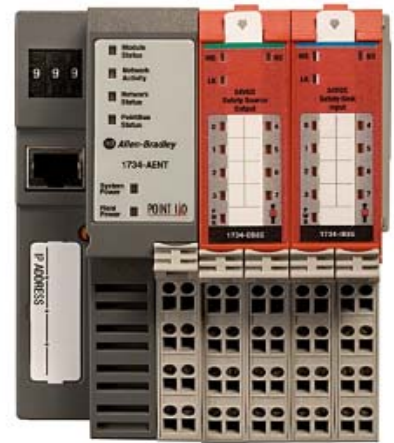


Product Details and Certifications

Cross Reference RA Part Number: PN-25132

➔ **Product: 1734-IB8S**

Description: Point Gard I/O Safe Module - 8 Point Input Module (Compatible with Terminal Bases with 8 Terminations)




Representative Photo Only (actual product may vary based on configuration sections)

POWER SUPPLIES

Bulletin Number	1734 I/O Point Modules
Inputs per Module	8
POINTBus Current, Max	175 mA
Power Dissipation	2.44 W
Thermal Dissipation	8.34 BTU/hrr
Power Bus, Operating Supply Voltage	24V DC
Power Bus, Operating Voltage Range	19.2...28.8V DC
Input Filter Time, OFF to ON	0...126 ms (in 6 ms increments)

1734-IB8S, 1734-OB8S, 1734-IE4S – Technical Specifications

Attribute	1734-IB8S 	1734-OB8S	1734-IE4S
POINTBus			
POINTBus current, max	175 mA	190 mA	110 mA @ 5V
Power dissipation, max	2.44 W	3.02 W	2.2 W
Thermal dissipation	8.34 BTU/hrr	10.32 BTU/hr	7.5 BTU/hr
Isolation voltage	50V (continuous), Basic Insulation Type between field side and system No isolation between individual channels Type tested @ 707V DC for 60 s		50V continuous- basic Insulation Type, I/O and field power to system Type tested @ 500V AC for 60 seconds. No isolation between individual I/O or I/O to field power.
Power bus, operating supply voltage, nom	24V DC		
Power bus, operating voltage range	19.2...28.8V DC		
Input filter time, OFF to ON ⁽¹⁾	0...126 ms (in 6 ms increments)		
Input filter time, ON to OFF ⁽¹⁾			
Terminal base screw torque	See terminal base specifications		
Indicators	1 yellow lock status indicator 1 green/yellow power status indicator 8 I/O channel status indicators		4 analog input (yellow/red) 4 sensor power (green/red) 1 power (green/yellow)

⁽¹⁾ Input off-to-on filter time is the time from a valid input signal to recognition by the module. Input on-to-off time is the time from a valid input signal to recognition by the module.

1734-IB8S, 1734-OB8S, and 1734-IE4S Physical Specifications

Attribute	Value
Keyswitch positions (left and right)	1734-IB8S: Key 1 = 8 (left); Key 2 = 1 (right) 1734-OB8S: Key 1 = 8 (left); Key 2 = 2 (right) 1734-IE4S: Key 1 = 8 (left); Key 2 = 3 (right)
Terminal base unit	1734-TB, 1734-TBS, 1734-TOP, 1734-TOPS, 1734-TOP3, 1734-TOP3S
Pilot duty rating	Not rated (1734-OB8S and 1734-IE4S)
North America temp code	T4 (1734-OB8S and 1734-IB8S) T4A (1734-IE4S)
IEC temp code	T4
Enclosure type rating	None (open-style)
Wiring category ⁽¹⁾	2 – on signal ports (1734-IB8S, 1734-OB8S, 1734-IE4S) 1 – on power ports (1734-IE4S only)