

Product Details and Certifications

Cross Reference RA Part Number: 1734-IA4 C

 **Product: 1734-IA4**

Description: 120V AC 4 Channel Input Module



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

I/O MODULE DATA

Bulletin Number	1734 Point I/O Module
On-State Voltage Range	65V AC min, 120V AC nom , 132V AC max
On-State Current	4.0mA @ 65V AC min, 7.5mA @ 120V AC nom , 8.5mA @ 132V AC max 60Hz
Off-State Voltage	43V AC max
Off-State Current	2.7 mA @ 43V AC max
Input Impedance, nom	10.6 k Ω
POINTBus Current	75 mA @ 5V DC
Power Dissipation	0.50 W @ 132V AC
Thermal Dissipation	1.71 BTU/hr @ 132V AC

CERTIFICATIONS AND APPROVALS

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For UL Certifications Directory:

<http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm>

Specifications



POINT I/O 120V AC Input Module – 1734-IA2, 1734-IA4, Series C

Attribute	Value
Number of inputs	1734-IA2 – 2 (1 group of 2) nonisolated, sinking 1734-IA4 – 4 (1 group of 4) nonisolated, sinking
On-state voltage range, min	65V AC
On-state voltage range, nom	120V AC
On-state voltage range, max	132V AC
On-state current, min	4.0 mA @ 65V AC, 60 Hz
On-state current, nom	7.5 mA @ 120V AC, 60 Hz
On-state current, max	8.5 mA @ 132V AC, 60 Hz
Off-state voltage, max	43V AC
Off-state current, max	2.7 mA @ 43V AC
Input impedance, nom	10.6 k Ω

General Specifications

Attribute	Value
Terminal base screw torque	0.8 Nm (7 lb-in.)
Module location	1734-TB, 1734-TBS, 1734-TOP, or 1734-TOPS wiring base assembly
POINTBus current, max	75 mA @ 5V DC
Power dissipation	1734-IA2 – 0.35 W @ 132V AC 1734-IA4 – 0.50 W @ 132V AC
Thermal dissipation	1734-IA2 – 1.19 BTU/hr @ 132V AC 1734-IA4 – 1.71 BTU/hr @ 132V AC
Isolation voltage	240V (continuous), type tested @ 3250V DC for 60 s, field-side to system
External AC power supply voltage, nom	120V AC @ 60 Hz
External AC power supply voltage range	85...132V AC, 47...63 Hz
Dimensions (HxWxD), approx.	56.0 x 12.0 x 75.5 mm (2.21 x 0.47 x 2.97 in.)
Wiring category ⁽¹⁾	1 – on signal ports
Wire size	Determined by installed terminal block