

Product Details and Certifications

Cross Reference RA Part Number: PN-130650



Product: **1734-IB4**

Description: 24V DC 4 Shannel Sink Input Module



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

POWER SUPPLIES

| | |
|-------------------------------|---|
| Bulletin Number | 1734 Point I/O Terminal Base |
| Number of Inputs | 4 |
| Voltage, On-State Input, Nom | 24V DC |
| Voltage, On-State Input, Min | 10V DC |
| Voltage, On-State Input, Max | 28.8V DC |
| Input Delay Time, On to Off | 0.5 ms hardware + (0...65 ms Selectable) |
| Current, On-State Input, Min | 2 mA |
| Current, On-State Input, Max | 5 mA |
| Current, Off-State Input, Max | 1.5 mA |
| POINTBus Current (mA) | 75 mA mx @ 5V DC |
| Power Dissipation, Max | 1.0W @ 28.8V DC |
| Thermal Dissipation, Max | 3.4 BTU/hr @ 28.8V DC |
| Thermal Base Unit | 1734-TB, 1734-TBS, 1734-TOP, or 1734-TOPS |

Digital DC Input Modules

1734 Digital DC Input Modules Technical Specifications

| | 1734-IB2 | 1734-IB4 | 1734-IB4D | 1734-IB8 | 1734-IV2 | 1734-IV4 | 1734-IV8 |
|-------------------------------|---|-----------------------|-----------------------|------------------------|-----------------------|-----------------------|-----------------------|
| | Sinking Input Modules | | | Sourcing Input Modules | | | |
| Number of inputs | 2 | 4 | 4 | 8 | 2 | 4 | 8 |
| Diagnostics | — | — | Yes | — | — | — | — |
| Voltage, on-state input, nom | 24V DC | | | | | | |
| Voltage, on-state input, min | 10V DC | | | | | | |
| Voltage, on-state input, max | 28.8V DC | | | | | | |
| Input delay time, on to off | 0.5 ms hardware + (0...65 ms selectable) ⁽¹⁾ | | | | | | |
| Current, on-state input, min | 2 mA | | | | | | |
| Current, on-state input, max | 5 mA | | | | | | |
| Current, off-state input, max | 1.5 mA | | | | | | |
| POINTBus current (mA) | 75 mA max @ 5V DC | | 50 mA max @ 5V DC | 75 mA max @ 5V DC | | | |
| Power dissipation, max | 0.7 W @ 28.8V DC | 1.0 W @ 28.8V DC | 0.6 W max @ 28.8V DC | 1.6 W @ 28.8V DC | 0.7 W @ 28.8V DC | 1.0 W @ 28.8V DC | 1.6 W @ 28.8V DC |
| Thermal dissipation, max | 2.4 BTU/hr @ 28.8V DC | 3.4 BTU/hr @ 28.8V DC | 1.9 BTU/hr @ 28.8V DC | 5.5 BTU/hr @ 28.8V DC | 2.4 BTU/hr @ 28.8V DC | 3.4 BTU/hr @ 28.8V DC | 5.5 BTU/hr @ 28.8V DC |
| Terminal base unit | 1734-TB, 1734-TBS, 1734-TOP, or 1734-TOPS | | | | | | |

⁽¹⁾ Input ON-to-OFF delay time is the time from a valid input signal to recognition by the module.

Digital DC Output Modules

1734 Digital DC Output Modules Technical Specifications

| | 1734-OB2 ⁽¹⁾ | 1734-OB2E | 1734-OB2EP | 1734-OB4 ⁽¹⁾ | 1734-OB4E | 1734-OB8 ⁽¹⁾ | 1734-OB8E | 1734-OV2E | 1734-OV4E | 1734-OV8E |
|-------------------------------|-------------------------|-----------|------------|-------------------------|-----------|-------------------------|------------------------|-----------|-----------|-----------|
| | Sourcing Output Modules | | | | | | Sinking Output Modules | | | |
| Number of outputs | 2 | | | 4 | 4 | 8 | | 2 | 4 | 8 |
| Diagnostics | — | Yes | Yes | — | Yes | — | Yes | Yes | Yes | Yes |
| Electronically protected | Yes | | | | | | | | | |
| Voltage, on-state output, nom | 24V DC | | | | | | | | | |
| Voltage, on-state output, min | 10V DC | | | | | | | | | |