

Product Details and Certifications

Cross Reference RA Part Number: PN-130652

 **Product: 1734-IB2**

Description: 24V DC 2 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	2
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	0.7W @ 28.8V DC
Thermal Dissipation, Max	2.4 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									