

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									

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
Voltage, on-state output, max	28.8V DC									
Output current rating, max	2.0 A per module, 1.0 A per channel	4.0 A per module, 2.0 A per channel	3.0 A per module, 1.0 A per channel				2.0 A max per module, 1.0 A per output	3.0 A per module, 1.0 A per output	3.0 A per module, 1.0 A per channel	
POINTBus current (mA)	75									
Power dissipation, max	0.8 W @ 28.8V DC	3.4 W @ 28.8V DC	1.2 W @ 28.8V DC		2.0 W @ 28.8V DC		0.8 W max @ 28.8V DC	1.2 W max @ 28.8V DC	2.0 W max @ 28.8V DC	
Thermal dissipation, max	2.7 BTU/hr @ 28.8V DC	11.6 BTU/hr @ 28.8V DC	4.1 BTU/hr @ 28.8V DC		6.8 BTU/hr @ 28.8V DC		2.7 BTU/hr @ 28.8V DC	4.1 BTU/hr @ 28.8V DC	6.8 BTU/hr @ 28.8V DC	
Terminal base unit	1734-TB, 1734-TBS, 1734-TOP, or 1734-TOPS									

⁽¹⁾ Non-diagnostic, standard output modules.

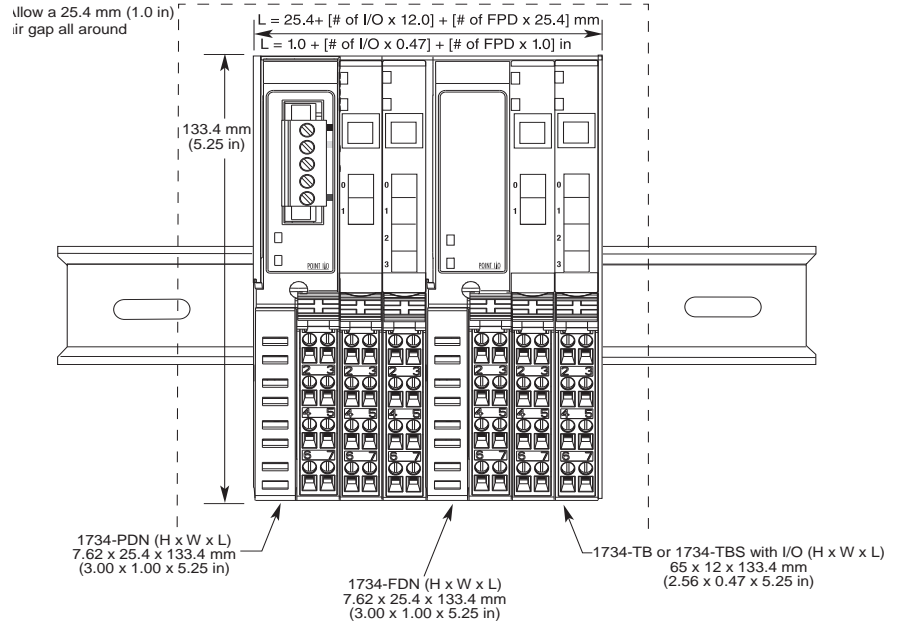
Digital Contact Modules**1734 Digital Contact Modules Technical Specifications**

	1734-OW2	1734-OW4	1734-OX2
Number of outputs	2 N.O. relays	4 N.O. relays	2 Form C (N.O./N.C.) relays, isolated
Output delay time, on to off, max	26 ms ⁽¹⁾		10 ms ⁽¹⁾
Contact resistance, initial	30 mΩ		
Leakage current, off-state output, max	1.2 mA and bleed resistor through snubber circuit @ 240V AC		1.2 mA and bleed resistor through snubber circuit @ 240V AC
POINTBus current (mA)	80		100
Power dissipation, max	0.5 W		
Thermal dissipation, max	1.7 BTU/hr		
Terminal base unit	1734-TB, 1734-TBS, 1734-TOP, or 1734-TOPS		

⁽¹⁾ Time from valid output off signal to relay deenergization by module.

Approximate Mounting Dimensions

POINT I/O with 1734-PDN Mounting Dimensions



IMPORTANT

When mounting the 1734-IB8S, 1734-OB8S, and 1734-IE4S modules, ensure that there is 2 in. of clearance space above the POINT rail.