

Digital AC Input Modules

1734 Digital AC Input Modules Technical Specifications

	1734-IA2	1734-IA4	1734-IM2	1734-IM4
Number of inputs	2 (1 group of 2)	2 (1 group of 4)	2 (1 group of 2)	2 (1 group of 4)
Voltage, on-state input, nom	120V AC		220V AC	
Voltage, on-state input, min	65V AC		159V AC	
Voltage, on-state input, max	132V AC		264V AC	
Input delay time, on to off	20 ms hardware filter plus 0...65 ms digital filter programmable in increments of 1 ms ⁽¹⁾			
Current, on-state input, min	4.0 mA @ 65V AC, 60 Hz		6.2 mA @ 159V AC, 60 Hz	
Input impedance, nom	10.6 k Ω		22.3 k Ω	
Current, off-state input, max	2.7 mA @ 43V AC		2.9 mA	
POINTBus current	75 mA @ 5V DC			
Power dissipation, max	0.1 W @ 132V AC			
Thermal dissipation, max	3.4 BTU @ 132V AC			
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 AC Output Modules

1734 Digital AC Output Modules Technical Specifications

	1734-OA2	1734-OA4
Number of outputs	2	4
Voltage, on-state output, nom	120V AC; 220V AC	
Voltage, on-state output, min	74V AC	
Voltage, on-state output, max	264V AC	
Output current rating	1.5 A (2 channels @ 0.75 A each)	2.0 A (750 mA per output, 2.0 A max per module)
POINTBus current	75 mA @ 5V DC	
Power dissipation, max	2 W @ 264V AC	3.5 W @ 264V AC
Thermal dissipation, max	6.8 BTU @ 264V AC	11.69 BTU @ 264V AC
Terminal base unit	1734-TB, 1734-TBS, 1734-TOP, or 1734-TOPS	