Digital AC Input Modules

	1738-IA2M12AC3 1738-IA2M12AC4
Number of Inputs	2
Keyswitch Position	8
Voltage, On-State Input, Nom.	120V ac
Voltage, On-State Input, Min.	65V ac
Voltage, On-State Input, Max.	132V ac
Input Delay Time, ON to OFF, Hardware Delay, Max.	20 ms hardware filter plus 0…65 ms digital filter programmable in increments of 1 ms✶
Current, On-State Input, Min.	3.7 mA
Input Impedance, Nom.	10.6 kΩ
Current, Off-State Input, Max.	2.5 mA
PointBus Current (mA)	75
Power Dissipation, Max.	0.7 W @ 132V ac

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

Digital AC Output Module

	1738-OA2M12AC3
Number of Outputs	2
Keyswitch Position	8
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)
PointBus Current (mA)	75
Power Dissipation, Max.	0.8 W @ 28.8V dc

Digital DC Input Modules

	1738-IB2M12	1738-IB4M8 1738-IB4M12	1738-IB8M8 1738-IB8M12 1738-IB8M23	1738-IV4M12	1738-IV8M8 1738-IV8M12 1738-IV8M23
Number of Inputs	2 Sinking	4 Sinking	8 Sinking	4 Sourcing	8 Sourcing
Keyswitch Position	1	1	1	1	1
Voltage, On-State Input, Nom.	24V dc	24V dc	24V dc	24V dc	24V dc
Voltage, On-State Input, Min.	10V dc	10V dc	10V dc	10V dc	10V dc
Voltage, On-State Input, Max.	28.8V dc	28.8V dc	28.8V dc	28.8V dc	28.8V dc
Input Delay Time, ON to OFF	0.5 ms hardware + (0…65 ms selectable)✶	0.5 ms hardware + (0…65 ms selectable)✶	0.5 ms hardware + (0…65 ms selectable)✶	0.5 ms hardware + (0…65 ms selectable)✶	0.5 ms hardware + (0…65 ms selectable)✶
Current, On-State Input, Min.	2 mA	2 mA	2 mA	2 mA	2 mA
Current, On-State Input, Max.	5 mA	5 mA	5 mA	5 mA	5 mA
Current, Off-State Input, Max.	1.5 mA	1.5 mA	1.5 mA	1.5 mA	1.5 mA
PointBus Current (mA)	75	75	75	75	75
Power Dissipation, Max.	0.7 W @ 28.8V dc	1.0 W @ 28.8V dc	1.6 W @ 28.8V dc	1.0 W @ 28.8V dc	1.6 W @ 28.8V dc

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