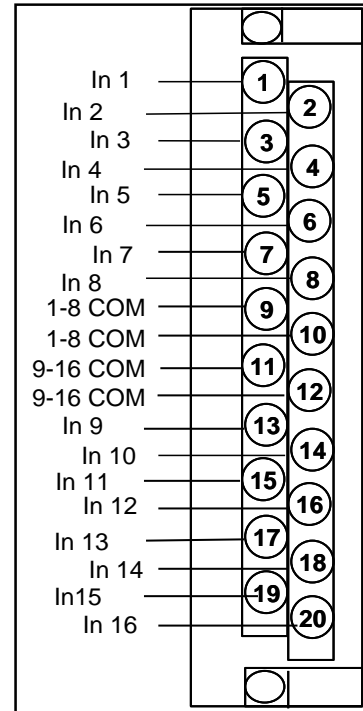


Digital Input Module - DC Voltage type (900G02-xxxx)

The DC Digital Input module provides two groups of 8 inputs, each with a pair of terminals for connection to common. DC power applied between the common terminal and an input cause the input to turn ON. There is a green LED state indicator for each channel on the module to indicate when a digital input is ON. A green blinking status LED on the module indicates when the module is being scanned. An amber blinking status LED indicates when channels are forced and a red status LED when module diagnostics exist. Logic in the controller allows the state to be inverted when necessary.



Inputs per module	16 (sinking)
Input Voltage Range	10 VDC to 32 VDC
Peak Voltage	32 VDC
AC Frequency	N/A
Galvanic Isolation	2 groups of 8 inputs (42.4VDC max.)
ON Voltage Level	9.5 VDC minimum
OFF Voltage Level	3.5 VDC maximum
Input Impedance	2.6 K ohms nominal
Input Current	2.3 mA @ 12 VDC 6.9 mA @ 24 VDC nominal
Minimum ON Current	1.0 mA
Maximum OFF Current	0.7 mA
OFF to ON response time*	4 ms max
ON to OFF response time*	4 ms max
Power Supply Loading	5V; 130mA max 24V; 0mA

*excluding controllers scan time and excluding transmission time from module to backplane