

Honeywell 900G32-0301

Honeywell Digital Input 24 VDC (900G32-0301)

The DC Digital Input module provides 32 inputs separated in to 2 groups of 16 channels each. Each group has a pair of screw terminals for the COM connection. 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. Red status LED when module diagnostics exist. Logic in the controller allows the state to be inverted when necessary. Requires Euro style 36-terminal terminal block.

Item Specification

Inputs per module 32 (sinking)

Input Voltage Range 10 VDC to 32 VDC

Peak Voltage 32 VDC

Galvanic Isolation 2 groups of 16 inputs (30VDC max.)

ON Voltage Level 9.5 VDC minimum

OFF Voltage Level 3.5 VDC maximum

Input Impedance 6.9 K ohms nominal

Input Current 1.7 mA @ 12 VDC 3.5 mA @ 24 VDC nominal

Minimum ON Current 1.0 mA

Maximum OFF Current 0.7 mA

OFF to ON response time 1.5 ms max

ON to OFF response time 1.5 ms max

Operating /Storage Temperature -40 to 70° C /-40 to 85° C Extended Operating Temperature

Note:

1. Excluding controllers scan time and excluding transmission time from module to backplane.

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