

Honeywell 900H32-0302

Honeywell Digital Output 24 VDC (900H32-0302)

The DC digital Output module provides 32 outputs separated in to 2 groups of 16 channels each that are powered externally.

Each group has a pair of screw terminals for +V and COM connections. The outputs are high side switching (current

sourcing) type. Over current protection is provided for all outputs in 4 groups of 8 channels each.

In case of short circuit for

any output channel, that whole group of 8 is switched off. Power cycling is not required to reset the module.

There is a green LED state indicator for each channel on the module to indicate when a digital output is ON.

A green blinking status LED on the module indicates when the module is being scanned and red status LED when module

diagnostics exist. Requires Euro style 36-terminal terminal block.

Item Specification

Outputs per module 32 (current sourcing, high side).

Galvanic Isolation 2 groups of 16 outputs

Operating Voltage 10.5 to 32 VDC

Output Type High side driver

Peak Voltage 32 VDC

ON Voltage Drop 0.15 VDC @ 0.5 A load

Overload Protection Active Current Limiting is integrated into the output driver as 4 groups of 8 channels

each. Power cycling is not required to reset the module after a fault condition.

Maximum Load Current 0.5 A per point, 6 A max per channel group

12 A max. per module, resistive load

0.25 A per point incandescent lamp load

(5 mH max)

Maximum Leakage

Current

0.15mA @ 32 VDC

Maximum Inrush Current 2 A for 10 ms

Minimum Load 0.0 mA

OFF to ON response time 1.6 ms

ON to OFF response time 1.6 ms

Fail Safe State configuration

Yes

Hold Last State

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www.sparetechplc.com +86 180 3000 5825 sales@sparetechplc.com

Failsafe State

Fuses Electronic limiting

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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