

Honeywell CC-PDOD51

CC-PDOD51 | Honeywell | Series C Digital Output Module

Manufacturer : Honeywell

Product No. : CC-PDOD51

Product Type : Series C Digital Output Module

Input / Output Model : CC-PDOD51 - 24Volt Digital Output , Field Isolated, Bussed output, Coated

IOTA Model Numbers : CC-TDOD51, Non Redundant, 9

Output Channels : 32

Output Type : SINK (Open Drain)

Load Voltage : 30 VDC Maximum

Load Current : 0.1 A per channel (Max)

Galvanic Isolation : 1000 VAC RMS for System - to - Field isolation (user supplied field Power)

On-State Voltage : 0v VDC (load current @ 0.1A max)

Off-State Voltage : 24 V (typ)

Off-State Leak Current : 100 μ A (max)

Turn-On/Turn-Off Time : 10 ms (max) Gap (0 current) of Output to Field on Switchover : None (0ms) (applies to Redundancy only)

The Digital Output bussed 24VDC (DO24V) module can switch reliable 24V digital output signals to control other process equipment as well as solenoid valves and interposing relays.

The Digital Output Bussed 24VDC has provisions for both internal and external field power excitation. As a bussed

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output device, all of the outputs share a common return (ground). All outputs get their power from the same source, which can be either the system power supply or an externally connected 24V power supply. When selection is from an external source, outputs can be galvanically isolated from the Series C power system. A wiring option on the IOTA determines if outputs are referenced to the Series C system power or an external field power source.

Detail Specifications – SINK TYPE 24 V DC

Parameter	Specification
Input / Output Model :	CC-PDOD51 - 24Volt Digital Output , Field Isolated, Bussed output, Coated
IOTA Model Numbers :	CC-TDOD51, Non Redundant 9” CC-TDOD61 , Redundant 12”
Output Channels:	32
Output Type:	SINK (Open Drain)
Load Voltage 15:	30 VDC Maximum
Load Current:	0.1 A per channel (Max)
Galvanic Isolation :	1000 VAC RMS for System – to – Field isolation (user supplied field Power)
On-State Voltage:	0v VDC (load current @ 0.1A max)
Off-State Voltage:	24 V (typ),
Off-State Leak Current:	100 μ A (max)
Turn-On/Turn-Off Time:	10 ms (max)
Gap (0 current) of Output to Field on Switchover:	None (0ms) (applies to Redundancy only)

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