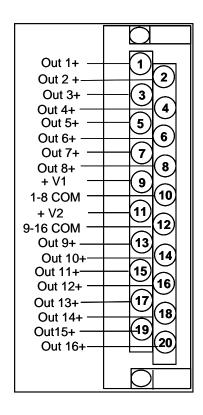
Digital Output Module - DC Type (900H02-xxxx)

The DC Digital Output module provides 16 outputs separated in to 2 groups of 8 channels each that are powered externally. Each group has a pair of screw terminals for +V and COM connections. The outputs are low side switching (current sinking) type. Overload protection is built into each output; when tripped the power must be recycled 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. An amber blinking status LED indicates when channels are forced and a red status LED when module diagnostics exist..

Outputs per module Galvanic Isolation Operating Voltage Operating Voltage Output Type Intelligent power switch (IPS) Peak Voltage AC Frequency ON Voltage Drop Overload Protection Maximum Load Current Maximum Leakage Current Maximum Inrush Current Minimum Load OFF to ON response time* Output Type Intelligent power switch (IPS) 16. 5 to 32 VDC (5.0 to 6.5 V @ 20.5A per channel) Intelligent power switch (IPS) At VDC AC Frequency N/A O.3VDC @ I A load Electronic high current and high temperature limiting, resets after cycling field power 1 A per point, 8A max. per module, resistive load 0.5 A per point incandescent lamp load (5 mH max) 0.15mA @ 32 VDC 4 A for 10 ms On mA OFF to ON response time* 6 ms Electronic limiting Power Supply Loading 5V; 340mA 24V; 0mA		
Operating Voltage 6.5 to 32 VDC (5.0 to 6.5 V @ <0.5A per channel) Output Type Intelligent power switch (IPS) Peak Voltage 34 VDC AC Frequency N/A ON Voltage Drop Overload Protection Electronic high current and high temperature limiting, resets after cycling field power Maximum Load Current Maximum Leakage Current Maximum Leakage Current Maximum Inrush Current Minimum Load OFF to ON response time* Fuses Electronic limiting 6 ms Electronic limiting 6 ms Electronic limiting 5V; 340mA	Outputs per module	16 (current sinking, low side)
Courseing Courseing	Galvanic Isolation	2 groups of 8 outputs
Peak Voltage 34 VDC AC Frequency N/A ON Voltage Drop 0.3VDC @ I A load Overload Protection Electronic high current and high temperature limiting, resets after cycling field power Maximum Load 1 A per point, 8A max. per module, resistive load 0.5 A per point incandescent lamp load (5 mH max) Maximum Leakage Current 4 A for 10 ms Current Minimum Load 0.0 mA OFF to ON response time* ON to OFF response time* Electronic limiting Power Supply 5V; 340mA	Operating Voltage	· ·
AC Frequency ON Voltage Drop Overload Protection Electronic high current and high temperature limiting, resets after cycling field power Maximum Load Current Maximum Leakage Current Maximum Inrush Current Minimum Load OFF to ON response time* ON to OFF response time* Power Supply ON Voltage Drop 0.3VDC @ I A load Electronic high current and high temperature limiting, resets after cycling field power A per point, 8A max. per module, resistive load 0.5 A per point incandescent lamp load (5 mH max) 0.15mA @ 32 VDC 4 A for 10 ms 6 ms Electronic limiting Power Supply 5V; 340mA	Output Type	Intelligent power switch (IPS)
ON Voltage Drop Overload Protection Electronic high current and high temperature limiting, resets after cycling field power Maximum Load Current 1 A per point, 8A max. per module, resistive load 0.5 A per point incandescent lamp load (5 mH max) Maximum Leakage Current Maximum Inrush Current Minimum Load OFF to ON response time* ON to OFF response time* Fuses Electronic limiting Power Supply Electronic high current and high temperature limiting, resets after cycling field power 1 A per point, 8A max. per module, resistive load 0.5 A per point incandescent lamp load (5 mH max) 4 A for 10 ms 6 ms Electronic limiting Power Supply 5V; 340mA	Peak Voltage	34 VDC
Overload Protection Electronic high current and high temperature limiting, resets after cycling field power Maximum Load Current 1 A per point, 8A max. per module, resistive load 0.5 A per point incandescent lamp load (5 mH max) Maximum Leakage Current Maximum Inrush Current Minimum Load 0.0 mA OFF to ON response time* ON to OFF response time* Fuses Electronic limiting Power Supply 5V; 340mA	AC Frequency	N/A
temperature limiting, resets after cycling field power Maximum Load Current 1 A per point, 8A max. per module, resistive load 0.5 A per point incandescent lamp load (5 mH max) Maximum Leakage Current Maximum Inrush Current Minimum Load 0.0 mA OFF to ON response time* ON to OFF response time* Fuses Electronic limiting Power Supply 5V; 340mA	ON Voltage Drop	0.3VDC @ I A load
Current module, resistive load 0.5 A per point incandescent lamp load (5 mH max) Maximum Leakage Current 4 A for 10 ms Current Minimum Load 0.0 mA OFF to ON response time* ON to OFF response time* Fuses Electronic limiting Power Supply 5V; 340mA	Overload Protection	temperature limiting, resets after
Iamp load (5 mH max) Maximum Leakage Current Maximum Inrush Current Minimum Load OFF to ON response time* ON to OFF response time* Fuses Electronic limiting Power Supply 1.15mA @ 32 VDC 4 A for 10 ms 6 ms 6 ms 6 ms 5 ws Electronic limiting 5 v; 340mA		
Current Maximum Inrush Current Minimum Load OFF to ON response time* ON to OFF response time* Fuses Electronic limiting Power Supply 5V; 340mA		
Current Minimum Load 0.0 mA OFF to ON response time* ON to OFF response time* Fuses Electronic limiting Power Supply 5V; 340mA	~	0.15mA @ 32 VDC
OFF to ON response time* ON to OFF response time* Fuses Electronic limiting Power Supply 5V; 340mA		4 A for 10 ms
time* ON to OFF response time* Fuses Electronic limiting Power Supply 5V; 340mA	Minimum Load	0.0 mA
time* Fuses Electronic limiting Power Supply 5V; 340mA	-	6 ms
Power Supply 5V; 340mA	·	6 ms
	Fuses	Electronic limiting
Loading 24V; 0mA	• • •	5V; 340mA
	Loading	24V; 0mA



^{*}excluding controllers scan time and excluding transmission time from module to backplane