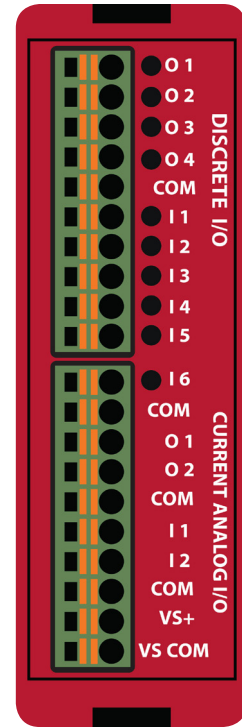




Combo Discrete and Analog Current Module

The combo discrete and analog modules are ideal for small machine applications requiring less I/O. They give you the cost benefit you normally find it in fixed I/O PLCs, but also provide flexibility & expandability for your I/O needs as additional I/O modules can be added to the EZRack PLC.



EZRPL-IO-6DI4DO-2ANI2ANOC

Pinout Information

1	Digital Out - 1	11	Digital In - 6
2	Digital Out - 2	12	Common_In
3	Digital Out - 3	13	Analog Out - 1
4	Digital Out - 4	14	Analog Out - 2
5	Common	15	Common
6	Digital In - 1	16	Analog In - 1
7	Digital In - 2	17	Analog In - 2
8	Digital In - 3	18	Common
9	Digital In - 4	19	VS+
10	Digital In - 5	20	VS Common

Digital Output Module Specifications

Number of Outputs	4 sourcing
Output Voltage Range	11-30 VDC
Peak Voltage	50 VDC
Maximum Steady State Output Current	0.1A per output, 0.4A max per module @ 50°C
Maximum Leakage Current	100µA @ 50 VDC @ 50°C
ON Voltage Drop	2 VDC @ 0.5A
Maximum Inrush Current	0.8A for 10ms
OFF to ON Response	< 2µs
ON to OFF Response	<10µs
Status Indicators	Red LED for each output
+V Terminals & Commons	One V*, 3 Commons Separate
Short Circuit Protection	1 Amp per module, turns off outputs upon short circuit detection
Base Power Required (5V)	80mA, all outputs on
Optical Isolation	2500 Volt
Wires	14 to 24 AWG

Digital Input Module Specifications

Number of Inputs	6
Input Voltage Range	11 - 30 VDC
Peak Voltage	40 VDC
Input Current	1.92 mA @ 12 VDC 4.0 mA @ 24 VDC
Maximum Input Current	5 mA @ 28 VDC
Input Impedance	5.6k @ 10-28 VDC
ON Voltage Level	> 10 VDC
OFF Voltage Level	< 2 VDC
Min. ON Current	1.5 mA
Min. OFF Current	0.2 mA
OFF to ON Response	2-4 ms, typical 3 ms
ON to OFF Response	2-4 ms, typical 3 ms
Status Indicators	Red LED for Source Green LED for Sinking
Commons	1 point (Common_In)
Base Power Required (5V)	Typical 30mA (all inputs on)
Optical Isolation	2500 Volt
Wires	14 to 24 AWG

