

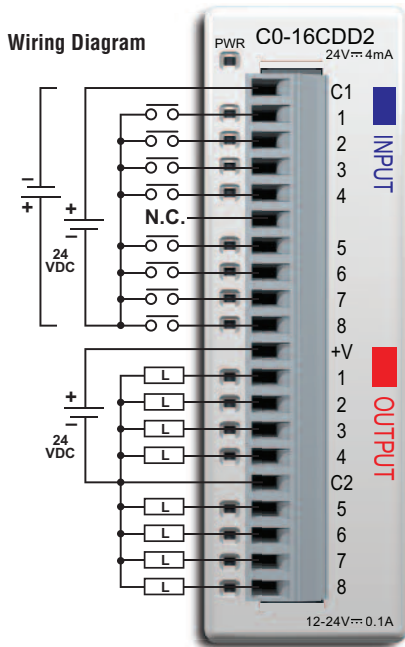
# CLICK I/O Module Specifications

## C0-16CDD2



### 8-Point DC Input and 8-Point DC Sourcing Output Module

8-point 24VDC current sinking/sourcing input, 1 common, 8-point 12-24 VDC sourcing output, 0.1A/pt., 1 common, non-fused, removable terminal block included. (replacement ADC p/n C0-16TB).



N.C. = Not Connected



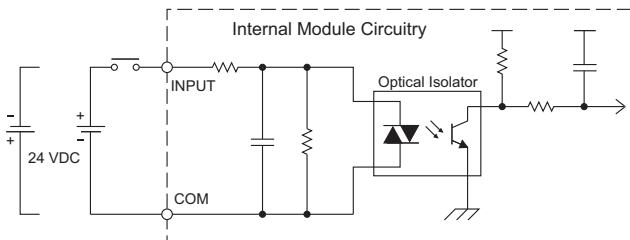
**NOTE:** When using this module you must also use CLICK programming software and CPU firmware version V1.40 or later.

C0-16CDD2 Input Specifications	
<b>Inputs per Module</b>	8 (source/sink)
<b>Operating Voltage Range</b>	CE: 24 VDC (-10%/+10%) UL: 24 VDC (-10%/+10%)
<b>Input Voltage Range</b>	21.6 - 26.4 VDC
<b>Input Current</b>	Typ 4.0 mA @ 24 VDC
<b>Maximum Input Current</b>	5.0 mA @ 26.4 VDC
<b>Input Impedance</b>	6.8 kΩ @ 24 VDC
<b>ON Voltage Level</b>	>19.0 VDC
<b>OFF Voltage Level</b>	<7.0 VDC
<b>Minimum ON Current</b>	3.5 mA
<b>Maximum OFF Current</b>	0.5 mA
<b>OFF to ON Response</b>	Max. 10 ms Typ. 2 ms
<b>ON to OFF Response</b>	Max. 10 ms Typ. 3 ms
<b>Status Indicators</b>	Logic Side (8 points, green LED) Power Indicator (green LED)
<b>Commons</b>	1 (8 points/common)

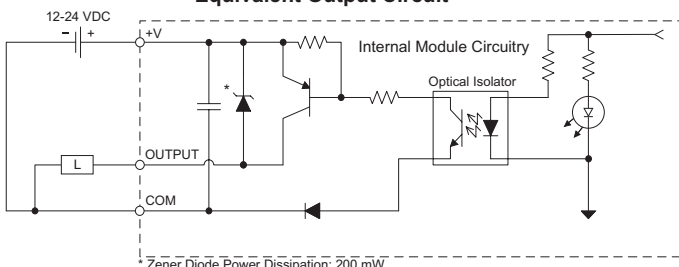
C0-16CDD2 Output Specifications	
<b>Outputs per Module</b>	8 (Source)
<b>Operating Voltage Range</b>	CE: 12-24 VDC (-15%/+20%) UL: 12-24 VDC (-20%/+25%)
<b>Output Voltage Range</b>	9.6 - 30 VDC
<b>Maximum Output Current</b>	0.1 A/point, 0.8 A/common
<b>Minimum Output Current</b>	0.2 mA
<b>Maximum Leakage Current</b>	0.1 mA @ 30 VDC
<b>On Voltage Drop</b>	0.6 VDC @ 0.1 A
<b>Maximum Inrush Current</b>	0.15 A for 10 ms
<b>OFF to ON Response</b>	<0.5 ms
<b>ON to OFF Response</b>	<0.5 ms
<b>Status Indicators</b>	Logic Side (8 points, red LED)
<b>Commons</b>	1 (8 points/common)

C0-16CDD2 General Specifications	
<b>Bus Power Required (24 VDC)</b>	Max. 80 mA (all points on)
<b>Terminal Block Replacement</b>	ADC p/n C0-16TB
<b>Weight</b>	3.2 oz (90 g)

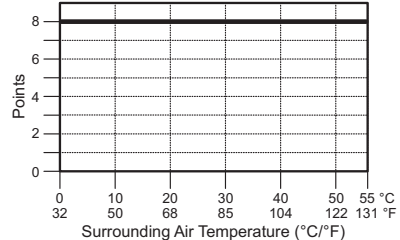
#### Equivalent Input Circuit



#### Equivalent Output Circuit



Input / Output Temperature Derating Chart



#### Ziplink Pre-Wired PLC Connection Cables and Modules for CLICK PLC



- 20-pin connector cable
- ZL-C0-CBL20 (0.5 m length)
- ZL-C0-CBL20-1 (1.0 m length)
- ZL-C0-CBL20-2 (2.0 m length)

