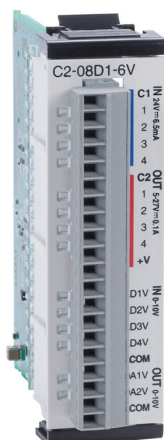


# C2-08D1-6V Cut Sheet



CLICK PLUS discrete/analog combo module, Analog Input: 4-channel, voltage, Analog Output: 2-channel, voltage, Discrete Input: 4-point, sinking/sourcing, Discrete Output: 4-point, sinking.

For complete product information, please see this item on our store at the following link:



<https://www.automationdirect.com/pn/C2-08D1-6V>

## Technical Specifications

<b>Brand</b>	CLICK PLUS
<b>Item</b>	Combo module
<b>I/O Module Type</b>	Discrete/analog
<b>Number of Analog Input Channels</b>	4
<b>Analog Input Signal Type</b>	Voltage
<b>Number of Non-Isolated Analog Input Commons</b>	1
<b>Number of Points per Analog Input Common</b>	4
<b>Input Resolution</b>	12-bit
<b>Input Voltage Signal Range</b>	0-10 VDC
<b>Number of Analog Output Channels</b>	2
<b>Analog Output Signal Type</b>	Voltage
<b>Number of Non-Isolated Analog Output Commons</b>	1
<b>Number of Points per Analog Output Common</b>	2
<b>Output Resolution</b>	12-bit
<b>Output Voltage Signal Range</b>	0-10 VDC
<b>Number of Discrete Input Points</b>	4
<b>Nominal Input Voltage</b>	24 VDC
<b>Discrete Input Type</b>	Sinking/sourcing
<b>Number of Isolated Discrete Input Commons</b>	1
<b>Number of Points per Discrete Input Common</b>	4
<b>Number of Discrete Output Points</b>	4
<b>Nominal Output Voltage</b>	5-27 VDC
<b>Discrete Output Type</b>	Sinking
<b>Number of Isolated Discrete Output Commons</b>	1

<b>Number of Points per Discrete Output Common</b>	4
<b>Load Current</b>	0.1A/point
<b>Number of High-Speed Capable Input Points</b>	4
<b>High-Speed Counter(s)</b>	<ul style="list-style-type: none"> <li>• up to (4) up counters</li> <li>• up to (4) down counters</li> <li>• up to (2) up/down counters</li> <li>• up to (2) pulse/direction (bi-directional) counters</li> <li>• up to (2) quadrature (A and B) counters</li> <li>• up to (1) quadrature (A and B with Z) counter</li> </ul>
<b>Interval Measurement</b>	<ul style="list-style-type: none"> <li>• up to (4) single input (edge) timers</li> <li>• up to (2) dual input (dual edge) timers</li> </ul>
<b>Duration Measurement</b>	up to (4) single input (edge) timers
<b>Frequency Measurement</b>	<ul style="list-style-type: none"> <li>• up to (4) single input up counters</li> <li>• up to (2) quadrature input (A and B) counters</li> </ul>
<b>Interrupt(s)</b>	<ul style="list-style-type: none"> <li>• up to (4) input interrupts</li> <li>• up to (4) timer interrupts</li> </ul>
<b>Table-Driven Input(s)</b>	up to (4) preset tables
<b>Maximum Switching Frequency</b>	100 kHz
<b>Number of High-Speed Capable Output Points</b>	2
<b>Number of Output Channels</b>	2
<b>Pulse Output Channel Type</b>	NPN open collector
<b>Output Pulse Mode(s)</b>	<ul style="list-style-type: none"> <li>• up to (2) virtual axes</li> <li>• up to (2) PTO linear step/direction outputs</li> <li>• up to (2) PWM pulse width modulation outputs</li> </ul>
<b>Axis Profile(s)</b>	<ul style="list-style-type: none"> <li>• relative/absolute positioning</li> <li>• multi-axis interpolation</li> <li>• velocity mode</li> <li>• trapezoid</li> <li>• S-curve</li> <li>• registration</li> <li>• homing</li> <li>• jogging</li> <li>• linear mode</li> </ul>
<b>Fuse Type</b>	User-supplied external fuse

# C2-08D1-6V Cut Sheet

<b>Includes</b>	Removable terminal block
<b>Programming Software</b>	CLICK programming software v3.3 or later and CLICK CPU firmware v3.3 or later

## Agency Approvals

<b>UL Listed File #</b>	E157382
<b>UL Recognized File #</b>	None
<b>UL Hazardous File #</b>	None
<b>CE</b>	<a href="#">View CE declarations</a>
<b>CSA File #</b>	None
<b>RoHS Status</b>	Yes (See CE Doc)
<b>EU REACH</b>	<a href="#">View EU REACH document</a>

## Dimensional Drawings



2D Drawing PDF Link:  
<https://cdn.automationdirect.com/static/drawings/C2-08D1-6V.pdf>  
See store item page for other formats.