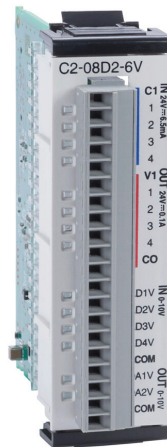


C2-08D2-6V Cut Sheet



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, sourcing.

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



<https://www.automationdirect.com/pn/C2-08D2-6V>

Technical Specifications

Brand	CLICK PLUS	Number of Points per Discrete Output Common	4
Item	Combo module	Load Current	0.1A/point
I/O Module Type	Discrete/analog	Number of High-Speed Capable Input Points	4
Number of Analog Input Channels	4	High-Speed Counter(s)	<ul style="list-style-type: none">• up to (4) up counters• up to (4) down counters• up to (2) up/down counters• up to (2) pulse/direction (bi-directional) counters• up to (2) quadrature (A and B) counters• up to (1) quadrature (A and B with Z) counter
Analog Input Signal Type	Voltage	Interval Measurement	<ul style="list-style-type: none">• up to (4) single input (edge) timers• up to (2) dual input (dual edge) timers
Number of Non-Isolated Analog Input Commons	1	Duration Measurement	up to (4) single input (edge) timers
Number of Points per Analog Input Common	4	Frequency Measurement	<ul style="list-style-type: none">• up to (4) single input up counters• up to (2) quadrature input (A and B) counters
Input Resolution	12-bit	Interrupt(s)	<ul style="list-style-type: none">• up to (4) input interrupts• up to (4) timer interrupts
Input Voltage Signal Range	0-10 VDC	Table-Driven Input(s)	up to (4) preset tables
Number of Analog Output Channels	2	Maximum Switching Frequency	100 kHz
Analog Output Signal Type	Voltage	Number of High-Speed Capable Output Points	2
Number of Non-Isolated Analog Output Commons	1	Number of Output Channels	2
Number of Points per Analog Output Common	2	Pulse Output Channel Type	PNP open collector
Output Resolution	12-bit	Output Pulse Mode(s)	<ul style="list-style-type: none">• up to (2) virtual axes• up to (2) PTO linear step/direction outputs• up to (2) PWM pulse width modulation outputs
Output Voltage Signal Range	0-10 VDC	Axis Profile(s)	<ul style="list-style-type: none">• relative/absolute positioning• multi-axis interpolation• velocity mode• trapezoid• S-curve• registration• homing• jogging• linear mode
Number of Discrete Input Points	4	Fuse Type	User-supplied external fuse
Nominal Input Voltage	24 VDC		
Discrete Input Type	Sinking/sourcing		
Number of Isolated Discrete Input Commons	1		
Number of Points per Discrete Input Common	4		
Number of Discrete Output Points	4		
Nominal Output Voltage	24 VDC		
Discrete Output Type	Sourcing		
Number of Isolated Discrete Output Commons	1		

C2-08D2-6V Cut Sheet

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

Agency Approvals

UL Listed File #	E157382
UL Recognized File #	None
UL Hazardous File #	None
CE	View CE declarations
CSA File #	None
RoHS Status	Yes (See CE Doc)
EU REACH	View EU REACH document

Dimensional Drawings



2D Drawing PDF Link:
[https://cdn.automationdirect.com
/static/drawings/C2-08D2-6V.pdf](https://cdn.automationdirect.com/static/drawings/C2-08D2-6V.pdf)
See store item page for other formats.