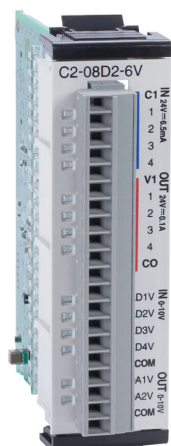


C2-08D2-6V Cut Sheet



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 |
| Item | Combo module |
| I/O Module Type | Discrete/analog |
| Number of Analog Input Channels | 4 |
| Analog Input Signal Type | Voltage |
| Number of Non-Isolated Analog Input Commons | 1 |
| Number of Points per Analog Input Common | 4 |
| Input Resolution | 12-bit |
| Input Voltage Signal Range | 0-10 VDC |
| Number of Analog Output Channels | 2 |
| Analog Output Signal Type | Voltage |
| Number of Non-Isolated Analog Output Commons | 1 |
| Number of Points per Analog Output Common | 2 |
| Output Resolution | 12-bit |
| Output Voltage Signal Range | 0-10 VDC |
| Number of Discrete Input Points | 4 |
| 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 |

| | |
|----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Number of Points per Discrete Output Common | 4 |
| Load Current | 0.1A/point |
| Number of High-Speed Capable Input Points | 4 |
| High-Speed Counter(s) | 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 |
| Interval Measurement | up to (4) single input (edge) timers, up to (2) dual input (dual edge) timers |
| Duration Measurement | up to (4) single input (edge) timers |
| Frequency Measurement | up to (4) single input up counters, up to (2) quadrature input (A and B) counters |
| Interrupt(s) | up to (4) input interrupts, up to (4) timer interrupts |
| Table-Driven Input(s) | up to (4) preset tables |
| Maximum Switching Frequency | 100 kHz |
| Number of High-Speed Capable Output Points | 2 |
| Number of Output Channels | 2 |
| Pulse Output Channel Type | PNP open collector |
| Output Pulse Mode(s) | up to (2) virtual axes, up to (2) PTO linear step/direction outputs, up to (2) PWM pulse width modulation outputs |
| Axis Profile(s) | relative/absolute positioning, multi-axis interpolation, velocity mode, trapezoid, S-curve, registration, homing, jogging, linear mode |

C2-08D2-6V Cut Sheet

| | |
|-----------------------------|----------------------------------------------------------------------------------|
| Fuse Type | User-supplied external fuse |
| 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 |