D0-06DD2-D Cut Sheet

DirectLOGIC DL06 PLC, 12-24 VDC required, serial ports, Discrete Input: 20-point, DC, Discrete Output: 16-point, sourcing.

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

https://www.automationdirect.com/pn/D0-06DD2-D

Technical Specifications

Brand	DirectLOGIC
Item	PLC
Series	DL06
Total Memory	14.8k words
Ladder Memory	7k words
User Data Memory	7k words
Programming Language	Ladder
Programming Software	DirectSOFT programming software v4.0 or later
Communication Port and Connection Type(s)	• (1) RS-232 (RJ12) • (1) RS-232/RS-422/RS-485 (DB15HD female)
Port Protocol(s)	• DirectNET • Modbus RTU • ASCII • K-sequence • programming and monitoring
Port Speed(s)	• fixed at 9.6k baud • up to 38.4k baud
Real Time Clock/Calendar	Yes
Retentive Memory	Yes
Battery Backup	Yes
Maximum Expansion Modules Allowed	4
External Power Requirement	12-24 VDC
Number of Discrete Input Points	20
Nominal Input Voltage	12-24 VDC
Voltage Type	DC
Discrete Input Type	Sinking/sourcing
Number of Isolated Discrete Input Commons	5
Number of Points per Discrete Input Common	4
Frequency Response	7 kHz
Number of Discrete Output Points	16

Nominal Output Voltage	12-24 VDC
Discrete Output Type	Sourcing
Load Current	1A/point max
Number of Isolated Discrete Output Commons	4
Number of Points per Discrete Output Common	4
Maximum Switching Frequency	10 kHz
Maximum Number of PID Loops	8
Number of High-Speed Capable Input Points	4
High-Speed Counter(s)	• up to (2) up counters • up to (1) down counter • up to (1) up/down counter • up to (1) quadrature (A and B) counter
Position Scaling	• up to (2) up counters • up to (1) down counter • up to (1) up/down counter • up to (1) quadrature (A and B) counter
Frequency Measurement	• up to (2) up counters • up to (1) down counter • up to (1) up/down counter • up to (1) quadrature (A and B) counter
Interrupt(s)	• up to (1) input interrupt • up to (1) timer interrupt
Number of High-Speed Capable Output Points	2
Output Pulse Mode(s)	• up to (1) PTO linear step/direction output • up to (1) PTO rotary clockwise/counter-clockwise (CW/CCW) output
Axis Profile(s)	• relative/absolute positioning • velocity mode • trapezoid
Additional Information	Purchase D2-BAT-1 backup battery separately

Agency Approvals

UL Listed File #	E157382
UL Recognized File #	None
UL Hazardous File #	E200031
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/D0-06DD2-D.pdf
See store item page for other formats.