

D2-CTRINT Cut Sheet



DirectLOGIC DL205 pulse combo module, 5 kHz maximum switching frequency, 4 high-speed input point(s), sinking/sourcing, single-ended encoder input(s), 2 high-speed output point(s), sinking, single-ended output(s).

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



<https://www.automationdirect.com/pn/D2-CTRINT>

Technical Specifications

Brand	DirectLOGIC
Item	Combo module
I/O Module Type	Pulse
Series	DL205
Maximum Switching Frequency	5 kHz
Number of High-Speed Capable Input Points	4
Nominal Input Voltage	12-24 VDC
Discrete Input Type	Sinking/sourcing
Number of Non-Isolated Input Commons	4
Number of Isolated Input Commons	4
Number of Input Channels	4
Encoder Input Type	push-pull (totem)
Number of High-Speed Capable Output Points	2
Nominal Output Voltage	5 VDC
Discrete Output Type	Sinking
Number of Non-Isolated Output Commons	2
Load Current	30mA/point
Number of Output Channels	2

Pulse Output Channel Type	NPN open collector,PNP open collector,push-pull (totem)
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 (4) input interrupts,up to (4) timer interrupts
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,trapzoid
Programming Software	DirectSOFT programming software v4.0 or later

Agency Approvals

UL Listed File #	E157382
UL Recognized File #	None
UL Hazardous File #	see CSA
CE	View CE declarations
CSA File #	234884
RoHS Status	Yes (See CE Doc)
EU REACH	View EU REACH document