

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

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|---|-------------------|
| 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 | 30 mA/point |
| Number of Output Channels | 2 |

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| Pulse Output Channel Type | <ul style="list-style-type: none">• NPN open collector• PNP open collector• push-pull (totem) |
| High-Speed Counter(s) | <ul style="list-style-type: none">• 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 | <ul style="list-style-type: none">• 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 | <ul style="list-style-type: none">• 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) | <ul style="list-style-type: none">• up to (4) input interrupts• up to (4) timer interrupts |
| Output Pulse Mode(s) | <ul style="list-style-type: none">• up to (1) PTO linear step/direction output• up to (1) PTO rotary clockwise/counter-clockwise (CW/CCW) output |
| Axis Profile(s) | <ul style="list-style-type: none">• relative/absolute positioning• velocity mode• trapezoid |
| Programming Software | DirectSOFT programming software v4.0 or later |

Agency Approvals

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| 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 |

Dimensional Drawings



2D Drawing PDF Link:
<https://cdn.automationdirect.com/static/drawings/D2-CTRINT.pdf>
See store item page for other formats.