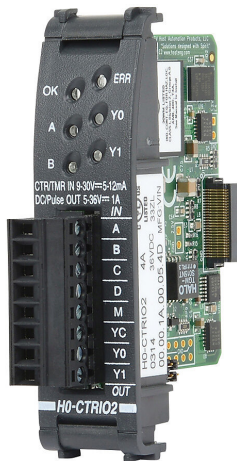


H0-CTRIO2 Cut Sheet



DirectLOGIC DL05/06 pulse combo module, 250 kHz maximum switching frequency, 4 high-speed input point(s), sinking/sourcing, single-ended encoder input(s), 2 high-speed output point(s), sinking/sourcing, single-ended output(s).

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



<https://www.automationdirect.com/pn/H0-CTRIO2>

Technical Specifications

Brand	DirectLOGIC
Item	Combo module
I/O Module Type	Pulse
Series	DL05/06
Maximum Switching Frequency	250 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	1
Number of Input Channels	1
Encoder Input Type	push-pull (totem)
Number of High-Speed Capable Output Points	2
Nominal Output Voltage	6-24 VDC
Discrete Output Type	Sinking/sourcing
Number of Non-Isolated Output Commons	1
Load Current	0.5A/point
Number of Output Channels	1
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 (2) down counters • up to (2) up/down counters • up to (1) quadrature (A and B) counter
Position Scaling	<ul style="list-style-type: none"> • up to (2) up counters • up to (2) down counters • up to (2) up/down counters • up to (1) quadrature (A and B) counter
Interval Measurement	<ul style="list-style-type: none"> • up to (2) single input (edge) timers • up to (2) dual input (dual edge) timers
Duration Measurement	up to (2) single input (edge) timers

Frequency Measurement	<ul style="list-style-type: none"> • up to (2) up counters • up to (2) down counters • up to (2) up/down counters • up to (1) quadrature (A and B) counter
Table-Driven Input(s)	<ul style="list-style-type: none"> • up to (255) programmable limit switches • up to (255) preset tables
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 • S-curve • homing • jogging
Programming Software	DirectSOFT programming software v4.0 or later

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Agency Approvals

UL Listed File #	E185989
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/H0-CTRIO2.pdf>
See store item page for other formats.
