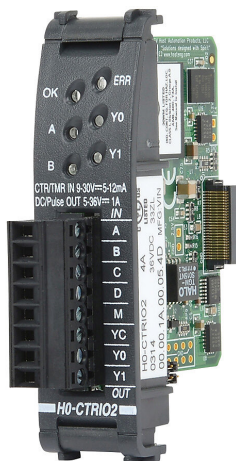


# H0-CTRIO2 Cut Sheet



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"><li>• NPN open collector</li><li>• PNP open collector</li><li>• push-pull (totem)</li></ul>

High-Speed Counter(s)	<ul style="list-style-type: none"><li>• up to (2) up counters</li><li>• up to (2) down counters</li><li>• up to (2) up/down counters</li><li>• up to (1) quadrature (A and B) counter</li></ul>
Position Scaling	<ul style="list-style-type: none"><li>• up to (2) up counters</li><li>• up to (2) down counters</li><li>• up to (2) up/down counters</li><li>• up to (1) quadrature (A and B) counter</li></ul>
Interval Measurement	<ul style="list-style-type: none"><li>• up to (2) single input (edge) timers</li><li>• up to (2) dual input (dual edge) timers</li></ul>
Duration Measurement	up to (2) single input (edge) timers
Frequency Measurement	<ul style="list-style-type: none"><li>• up to (2) up counters</li><li>• up to (2) down counters</li><li>• up to (2) up/down counters</li><li>• up to (1) quadrature (A and B) counter</li></ul>
Table-Driven Input(s)	<ul style="list-style-type: none"><li>• up to (255) programmable limit switches</li><li>• up to (255) preset tables</li></ul>
Output Pulse Mode(s)	<ul style="list-style-type: none"><li>• up to (1) PTO linear step/direction output</li><li>• up to (1) PTO rotary clockwise/counter-clockwise (CW/CCW) output</li></ul>
Axis Profile(s)	<ul style="list-style-type: none"><li>• relative/absolute positioning</li><li>• velocity mode</li><li>• trapezoid</li><li>• S-curve</li><li>• homing</li><li>• jogging</li></ul>
Programming Software	DirectSOFT programming software v4.0 or later

## Agency Approvals

UL Listed File #	E185989
UL Recognized File #	None
UL Hazardous File #	None
CE	<a href="#">View CE declarations</a>
CSA File #	None
RoHS Status	Yes (See CE Doc)
EU REACH	<a href="#">View EU REACH document</a>