

P2-HSI Cut Sheet



Productivity2000 pulse input module, 1 MHz maximum switching frequency, 2 high-speed input point(s), 5-24 VDC, sinking/sourcing, 2-channel, differential and single-ended encoder input(s), 4 high-speed output point(s), 5-24 VDC, sinking/sourcing, external 24 VDC required.

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



<https://www.automationdirect.com/pn/P2-HSI>

Technical Specifications

Brand	Productivity2000
Item	Input module
I/O Module Type	Pulse
Maximum Switching Frequency	1 MHz
Number of High-Speed Capable Input Points	2
Nominal Input Voltage	5-24 VDC
Discrete Input Type	Sinking/sourcing
Number of Non-Isolated Input Commons	1
Number of Input Channels	2
Encoder Input Type	<ul style="list-style-type: none">• receiver (differential)• NPN open collector• PNP open collector• push-pull (totem)
Number of High-Speed Capable Output Points	4
Nominal Output Voltage	5-24 VDC
Discrete Output Type	Sinking/sourcing
Number of Isolated Output Commons	4

Load Current	0.5A/point
High-Speed Counter(s)	up to (2) up counters, up to (2) down counters, up to (2) up/down counters, up to (2) pulse/direction (bi-directional) counters, up to (2) quadrature (A and B) counters, up to (2) quadrature (A and B with Z) counters
Position Scaling	up to (2) up counters, up to (2) down counters, up to (2) up/down counters, up to (2) pulse/direction (bi-directional) counters, up to (2) quadrature (A and B) counters, up to (2) quadrature (A and B with Z) counters
Table-Driven Input(s)	up to (4) programmable limit switches, up to (4) preset tables
Axis Profile(s)	linear mode, rotary mode
External Power Requirement	24 VDC
Requires	ZL-RTB40(-1) ZIPLink connector module and ZL-CBL40-xS (-S, -1S or -2S) pre-wired shielded cables
Programming Software	Productivity Suite programming software v2.1 or later

Agency Approvals

UL Listed File #	E139594
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
Other	ABS Certification Document