P2-HSO Cut Sheet

Productivity2000 pulse output module, 1 MHz maximum switching frequency, 4 high-speed output point(s), 5-24 VDC, sinking/sourcing, 2-channel, differential and single-ended output channel(s), 6 high-speed input 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-HSO

Technical Specifications

Brand	Productivity2000
Item	Output module
I/O Module Type	Pulse
Maximum Switching Frequency	1 MHz
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
Number of Output Channels	2
Pulse Output Channel Type	• differential • NPN open collector
Number of High-Speed Capable Input Points	6
Nominal Input Voltage	5-24 VDC
Discrete Input Type	Sinking/sourcing

Number of Non-Isolated Input Commons	2
Output Pulse Mode(s)	• up to (2) PTO linear step/direction outputs • up to (2) PTO rotary clockwise/counter-clockwise (CW/CCW) outputs • up to (2) PTO quadrature (A and B) outputs
Axis Profile(s)	• relative/absolute positioning • velocity mode • trapezoid • S-curve • registration • homing • jogging • 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