

AutomationDirect » Productivity3000®



Ethernet Choices:
» Modbus TCP
» Ethernet /IP

TWO
YEAR
WARRANTY



Productivity3000 programmable controller

What used to take hours now takes minutes

The Productivity3000 programmable controller's flexible design and integration tools make it easy to get your system configured in no time:

Fill I/O bases and connect with USB or Ethernet cables

Modules can go in any I/O slot, there's no power budget to worry about, and local USB and remote Ethernet I/O groups are connected with industry-standard communications cabling.

Auto-discover the hardware

One click is all it takes to detect and auto-configure the hardware connected to the system. This can save you literally hours of setup time.

Integrating drives is just as easy

Drive-intensive applications are a snap - connect up to 64 of AutomationDirect's GS series AC drives on the Ethernet remote I/O network (using GS-EDRV option cards). Units are auto-discovered when configuration update is requested - it's that easy.



Free Programming Software

- Free "Tag Based" Programming Software
- High-performance CPU w/ 50Mb memory (P3-550), or lower-cost model w/ 25Mb (P3-530)
- High-speed motion control
- Modular rack-based footprint with 36 discrete and analog I/O option modules
- Built-in communications capabilities, including local and remote I/O ports and networking
- Integrated GS drive communications over Ethernet
- LCD on CPU and Remote Slave for diagnostics
- LCD on ALL analog modules
- Hot-swappable I/O
- No module placement restrictions
- No power budget limitations
- Optional I/O terminal blocks or easy ZIPLink plug-and-play wiring



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Catalog Number	Productivity 3000 Description	Ziplink Cable	ZL Connector Feedthrough	ZL Connector Fuse / Relay
P3-530	CPU, 25MB, USB-A, USB-A, RS-232, RS-422/485, 10/100 Base T			
P3-550	CPU 50MB LCD (2)RJ45 Eth (1)RJ12 RS-232 (1)RS-485 3-pin term (2)USB-A (1)USB-B - battery inc			
P3-550E	CPU, 50MB, LCD, (2) RJ45 Eth (1) RJ12 - RS-232 (1) RS-485 (3-pin term) (2) USB A battery inc			
P3-RS	Remote Slave, 10/100BaseT, USB-A, USB-B, RS-232, RS-422/485			
P3-EX	Local Expansion via USB-A + USB-B (max 4 EX bases/system)			
P3-EX-CBL6	USB A to USB B, 6ft cable length. For use with P3-EX local I/O expansion module.			
P3-RX	Remote I/O comm module (1)RJ45 Eth (1)RJ12 RS-232 (1)RS-485 (3-pin term) (1)USB-A			
P3-03B	3 Slot Base			
P3-05B	5 Slot Base			
P3-08B	8 Slot Base			
P3-11B	11 Slot Base			
P3-01AC	AC Base Power Supply (100-240 VAC)			
P3-01DC	DC Base Power Supply (24-48 VDC)			
P3-16SIM	(16) Simulator Input Module	NA	NA	
P3-08ND3S	(8) DI - 12-24 VDC isolated - sinking or sourcing - 8 commons	ZL-P3-CBL20	ZL-RTB20	NA
P3-16ND3	(16) DI - 12-24 VDC sinking or sourcing - 4 commons	ZL-P3-CBL20-L	ZL-RTB20	ZL-LTB16-24-1
P3-32ND3	(32) DI - 24 VDC sinking or sourcing - 4 commons	ZL-CBL40	ZL-RTB40	ZL-LTB32-24-1
P3-64ND3	(64) DI - 24 VDC sinking or sourcing - 8 commons	(2) ZL-CBL40	(2) ZL-RTB40	(2) ZL-LTB32-24-1
P3-08NAS	(8) DI - 100-240 VAC isolated - 8 commons	ZL-P3-CBL20	ZL-RTB20	NA
P3-16NA	(16) DI - 100-240 VAC - 4 commons	ZL-P3-CBL20-L	ZL-RTB20	NA
P3-08TD1S	(8) DO - 6-27 VDC sinking - 2A/point - 4 commons	ZL-P3-CBL20-L	ZL-RTB20	NA
P3-08TD2S	(8) DO - 6-27 VDC sourcing - 2A/point - 4 commons	ZL-P3-CBL20-L	ZL-RTB20	NA
P3-16TD1	(16) DO - 6-27 VDC sinking - 0.5A/point - 2 commons	ZL-P3-CBL20	ZL-RTB20	ZL-RFU20
P3-16TD2	(16) DO - 6-27 VDC sourcing - 0.5A/point - 2 commons	ZL-P3-CBL20	ZL-RTB20	ZL-RFU20
P3-16TD3P	(16) DO - 12-24 VDC sinking and sourcing - 4 commons - 0.5A/point - short circuit and overload protection	ZL-CBL40	ZL-RTB40	NA
P3-32TD2	(32) DO - 6-27 VDC sourcing - 0.2A/point - 1.6A/common - 4 commons	ZL-CBL40	ZL-RTB40	ZL-RFU40
P3-64TD1	(64) DO - 6-27 VDC sinking - 0.1A/point - 0.8A/common - 8 commons	(2) ZL-CBL40	(2) ZL-RTB40	(2) ZL-RFU40
P3-64TD2	(64) DO - 6-27 VDC sourcing - 0.1A/point - 0.8A/common - 8 commons	(2) ZL-CBL40	(2) ZL-RTB40	(2) ZL-RFU40
P3-08TAS	(8) DO - 80-288 VAC - 1A/point - isolated = 8 commons	ZL-P3-CBL20	ZL-RTB20	NA
P3-16TA	(16) DO - 80-288 VAC - 0.5A/point - 4A/common - 2 commons	ZL-P3-CBL20	ZL-RTB20	ZL-RFU10
P3-08TRS	(8) RO - 6-27 VDC or 6-240 VAC - 2A/point - isolated - 8 commons	ZL-P3-CBL20	ZL-RTB20	NA
P3-08TRS-1	(8) RO - 5-30 VDC or 5-240 VAC - 6.3A/point - isolated = 8 commons	ZL-P3-CBL20	ZL-RTB20	ZL-RFU20
P3-16TR	(16) RO - 6-27 VDC or 6-240 VAC - 1.25A/point - 6.3A/common - 2 commons	ZL-P3-CBL20	ZL-RTB20	ZL-RFU20
P3-04ADS	(4) AI Isolated - 16Bit - 0-5 VDC or 0-20ma - no ext 24 VDC req	ZL-P3-CBL20-L	ZL-RTB20	
P3-08AD	(8) AI - Selectable 0-5 VDC or 0-20ma each point - 16Bit - ext 24 VDC req	ZL-P3-CBL20-L	ZL-RTB20	
P3-16AD-1	(16) AI - 16Bit - 0-20mA - ext 24 VDC req	ZL-P3-CBL20-L	ZL-RTB20	
P3-16AD-2	(16) AI - 16Bit - 0-10 VDC - ext 24 VDC req	ZL-P3-CBL20-L	ZL-RTB20	
P3-08THM	(8) Thermocouple Input Module - 16Bit - Types J, E, K, R, S, T, B, N, C - no ext 24 VDC req		RTB Included	
P3-08RTD	(8) RTD Input Module - 16Bit - Types Pt100, Pt1000, etc. - not ext 24 VDC req		RTB Included	
P3-04DA	(4) AO - Selectable 0-5 VDC or 0-20ma each point - 16 Bit - ext 24 VDC req	ZL-P3-CBL20-L	ZL-RTB20	
P3-08DA-1	(8) AO - 16Bit - 4-20mA - ext 24 VDC req	ZL-P3-CBL20-L	ZL-RTB20	
P3-08DA-2	(8) AO - 16Bit - +/-10 VDC - ext24 VDC req	ZL-P3-CBL20-L	ZL-RTB20	
P3-06DAS-1	(6) AO - 16Bit - Isolated Channel - Channel 4-20mA - no ext 24 VDC req	ZL-P3-CBL20-L	ZL-RTB20	
P3-06DAS-2	(6) AO - 16Bit - Isolated Channel - Channel +/-10 VDC - ext 24 VDC req	ZL-P3-CBL20-L	ZL-RTB20	
P3-16DA-1	(16) AO - 16Bit - 4-20mA - ext 24 VDC req	ZL-P3-CBL20-L	ZL-RTB20	
P3-16DA-2	(16) AO - 16Bit - +/-10 VDC - ext 24 VDC req	ZL-P3-CBL20-L	ZL-RTB20	
P3-8AD4DA-1	(8) AI - 16Bit 0-20mA + (4) AO - 16Bit - 4-20mA - ext 24 VDC req	ZL-P3-CBL20-L	ZL-RTB20	
P3-8AD4DA-2	(8) AI - 16Bit 0-5/0-10 VDC + (4) AO - 16Bit - 0-5/0-10 VDC - ext 24 VDC req	ZL-P3-CBL20-L	ZL-RTB20	
P3-HS1	High Speed Counter Input - (2) 1MHz each + (2) 5-24 VDC DI + (4) 5-24 VDC DO	ZL-CBL40-S	ZL-RTB40	
P3-HS0	High Speed Pulse Output - (2) 1MHz each + (6) 5-24 VDC DI + (4) 5-24 VDC DO	ZL-CBL40-S	ZL-RTB40	
P3-SCM	(4) Serial Communications (3)RS-232 (RJ12) and (1)RS-232 (RJ12) or RS-485 (4-pin term)	NA	NA	
P3-FILL	Productivity3000 filler module.	NA	NA	
P3-RTB is the regular connector for all the above Select Cable Length L = 0.5m, L1 = 1.0m, L2 = 2.0m Fuses not included on the ZL-RFU20 and ZL-RFU40 - specify the S5002-R fuse (2A - 5/box)				