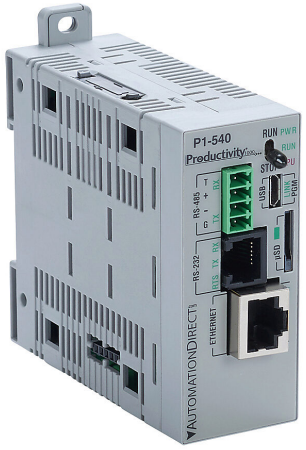
P1-540 Cut Sheet

AUTOMATIONDIRECT.com
www.automationdirect.com



Productivity1000 CPU, up to 50 MB ladder memory, microSD card slot, (1) Ethernet 10/100Base-T (RJ45), (1) RS-232 (RJ12), (1) RS-485 (4-pin terminal) and (1) microB-USB port(s), external 24 VDC required, battery included.

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

https://www.automationdirect.com/pn/P1-540

Technical Specifications

Brand	Productivity1000
Item	CPU
Total Memory	Up to 50 MB
Ladder Memory	Up to 50 MB
User Data Memory	Up to 50 MB
Removable Media Type	MicroSD card slot
Programming Language	Ladder and structured text
Programming Software	Productivity Suite programming software v3.0 or later
Communication Port and Connection Type(s)	• (1) Ethernet 10/100Base-T (RJ45) • (1) RS-232 (RJ12) • (1) RS-485 (4-pin terminal) • (1) microB-USB
Port Protocol(s)	• MQTT Client • Modbus RTU Master/Slave • Modbus TCP • ASCII In/out • EtherNet/IP explicit messaging scanner/ adapter • EtherNet/IP implicit messaging scanner/ adapter • webserver (non-secure HTTP) • programming and monitoring

Port Speed(s)	• 10/100 Mbps • up to 115.2k baud
Real Time Clock/Calendar	Yes
Retentive Memory	Yes
Battery Backup	Yes
Maximum Expansion Modules Allowed	15
External Power Requirement	24 VDC
Includes	D2-BAT-1 battery
Dangerous Goods	• Battery Installed: No • Packaging Instructions: 969 • UN Number: UN3091 • Hazard Type: Lithium Batteries • Battery Type: Button • Lithium Content: 0.17 • Replacement Battery: D2-BAT-1 • Generic Battery: CR2354

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

Dimensional Drawings

2D Drawing PDF Link:
https://cdn.automationdirect.com/static/drawings/P1-540.pdf
See store item page for other formats.