

DL06 - The Mighty Micro

From 36-100 I/O, starting at only \$199.00

What is it?

Our DL06 is our first micro PLC to combine its fixed I/O of 20 inputs and 16 outputs with four option module slots for expansion (discrete, analog, temperature, communication modules), all in the same package. With the DL06, you can use the same PLC panel layout for all applications from 36 to 100 I/O.

\$73.00 Optional LCD Display

Add operator display capability right on the PLC with this optional LCD display featuring:

- Two rows x 16 characters backlight display
- Large 14-point characters for easy readability
- Seven function keys
- Programmable user messages and alarms from within your ladder logic program
- Set time/date with password functions from keypad

What's it got?

- 14.8K of total memory
- 229 instructions, including 8 PID loops
- Two communication ports, including RS-232/422/485 capability
- Supports integrated networking for Modbus RTU master/slave, and ASCII in/out
- Integrated high-speed inputs or pulse output (on select models)
- Built-in real-time clock/calendar
- Optional LCD display for operator display or maintenance troubleshooting
- Ethernet, DeviceNet, Profibus, Modbus option modules
- High-speed counter/pulse output option module

CHECK OUT OUR PRICES

Micro PLCs	AutomationDirect DL06	Allen-Bradley MicroLogix 1100	Allen-Bradley MicroLogix 1200	GE Fanuc VersaMax Micro	Mitsubishi FX2N	Siemens S7-226
Integrated I/O	20	10 (+2 analog)	24	16	16	24
Inputs	16	6	16	12	16	16
Outputs	16	6	16	12	16	16
Total I/O with Expansion	100 I/O	80 I/O	136 I/O	140 I/O	256 I/O	248 I/O
Total Program/Data Memory	14.8K	8K	6K	9K	16K	13K
Removable Terminal Block	Yes	No	Yes	Yes	Yes	Yes
Integrated Communication Ports	2	2	2	2	2	2
Integrated Networking Port	Yes	Yes (serial and Ethernet)	Yes	Yes	Yes (2nd port using optional add-in function board)	Yes
Modbus RTU Master/Slave	Yes	Yes	Yes	No (Slave only)	No	No
ASCII In/Out	Yes	Yes	Yes	Yes	Yes	Yes
Integrated Real Time Clock	Yes	Yes	Yes	Yes	No	Yes
Integrated Operator Interface	Yes (Optional \$73.00)	Yes	No	No	No	No
DeviceNet Slave Module	Yes (\$79.00)	Yes	Yes	No	Yes (\$235.00)	No
PID	Yes (8-loops auto-tune)	Yes	Yes	Yes	Yes (auto-tune)	Yes
Auxiliary 24VDC Power Supply	300mA	250mA (DC/DC only)	400mA	200mA	250mA	280mA
Price with AC Power Supply						
DC inputs/DC Outputs	\$199.00	No	No	No	\$645.00	No
DC inputs/Relay Outputs	\$229.00	\$550.00	\$770.00	\$407.00	\$595.00	\$655.00
AC inputs/AC Outputs	\$275.00	No	No	\$460.00	No	No
AC inputs/Relay Outputs	\$259.00	\$550.00	\$796.00	\$460.00	No	No

All prices are U.S. list prices. AutomationDirect prices are from September 2006 Price List. Allen-Bradley prices are from Publication ACIG-PL001F-EN-P September 2005. Technical data from MicroLogix™ 1200 Programmable Controllers Bulletin 1762 Controllers and Expansion I/O User Manual, Publication 1762-UM001B-EN-P November 2000. MicroLogix 1100 User Manual 1763-UM001A-EN-P September 2005. GE Fanuc prices are from www.gesupply.com 6/26/06. Technical data from GE Fanuc Series VersaMax Nano & Micro Controller Solutions GFA-196 50M 2/00. Siemens prices from Siemens Energy & Automation Simatic S7-200 Second Generation Products Pricing Edition 2G 07.03. Mitsubishi prices from Mitsubishi Electric F-Series PLC Price List, August 2002. Technical data from Mitsubishi Electric Programmable Logic Controllers MELSEC FX1S, FX1N, FX2N, Technical Catalog 2001.

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Micro PLC Modules	AutomationDirect DL06	Allen-Bradley MicroLogix 1100	Allen-Bradley MicroLogix 1200	GE Fanuc VersaMax Micro	Siemens S7-226
Ethernet Communication Module	H0-ECOM \$175	Built-in	Serial-to-Ethernet Converter \$650	Serial-to-Ethernet Converter \$361	Ethernet Exp. Module \$395
Thermocouple Input Module	F0-04THM 4-channel \$199	4-channel \$426	4-channel \$426	N/A	4-channel \$250
RTD Input Module	F0-04RTD 4-channel \$199	4-channel \$426	4-channel \$426	N/A	4-channel \$250

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