

## PLC Selection

### Section 1



## DL05/06 PLC

### Section 2



## DL105 PLC

### Section 3



## DL205 PLC

### Section 4



## DL305 PLC

### Section 5



## DL405 PLC

### Section 6



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# PLCS

# DL105



## Micro PLC

### What is it?

The DL105 series is a fixed-I/O micro PLC with 10 inputs and 8 outputs. Eight configurations are available in combinations of AC, DC and relay I/O, as well as AC or DC powered models.



### What's it got?

- 10 inputs and 8 outputs
- 2K program memory
- 384 words data memory
- 110/220 VAC or 24 VDC powered models
- Built-in 24 VDC auxiliary power supply for field devices included with AC powered models
- 91-instruction programming, includes time or event-based drum sequencer, timed interrupt, immediate I/O, etc.
- One RS-232C communication port
- DeviceNet slave I/O block models available

### What can I do with it?

- Build an electronic drum sequencer with 18 I/O points and connect an operator interface
- Drive high-current (up to seven amps) loads with the AC/relay model
- Use the high-speed I/O modes of a DC input or output model to perform counting or positioning tasks

Visit our Web page at <http://www.automationdirect.com/dl105> for more information



## DeviceNet slaves offer remote I/O nodes

Connect the DeviceNet slaves (F1-DVNET models) to any DeviceNet master for inexpensive nodes of I/O in the following configurations: DC in/Relay out, AC in/Relay out, and DC in/DC out.

## It's not the smallest micro, but it will put a big smile on your face!

The DL105 has 18 I/O points, higher current capability, and removable I/O connectors. These features, plus heavy-duty power supply design and built-in surge suppression on the relay outputs, still make the DL105 one of the most versatile fixed-I/O units in the market.

## AC inputs and AC outputs — a rare find indeed!

Very few micro PLCs offer AC inputs or AC outputs. Allen-Bradley offers AC in/AC out only in the larger 32 I/O MicroLogix unit. By the way, our AC outputs are rated at a whopping 1.6 A per point! Compare this to the GE Fanuc Series 90 micro, which offers only 0.5 A and 14 I/O points. We think you'll pick the DL105.

## Big and bad seven amp relays

We used the most powerful relays in a micro and combined them with a design that sheds heat! The DL105 offers eight relay outputs that can support up to seven amps per point. (You can drive all eight outputs at six amps per point up to 60°C.) Compare this to the typical 2.5 A of other micro PLCs.

## Removable connectors

Why do most vendors put removable connectors on their larger PLCs but don't include them on micro PLCs? We know they're an important feature on all PLCs, regardless of size. That's why we didn't skimp on them for the DL105.

