DL205 - Great Fit For On/Off Sequential Control

1 **2-for-1 prices on I/O**

Our I/O prices are incredibly low. You can often buy three of our modules for the price of a single Allen-Bradley CompactLogix module! This gives the DL205 a cost advantage on small I/O systems as well as large systems. Over 19 discrete modules are available on the DL205 system, ranging from 4-point modules to 32-point densities. The price comparison table below shows a few examples of how our prices compare to the list prices of similar modules from another vendor.

**2** **Practical built-in communications now includes ASCII in and out**

The D2-260 CPU offers two built-in communication ports. Connect a text panel or touch panel to one port and a bar code reader or scale to the second port, or use any supported protocol for PLC networking.

3 **Expands from 8 I/O to 8,000 I/O**

The DL205 PLC family is highly expandable. It offers four base sizes that can be connected via local expansion I/O, serial remote I/O and Ethernet remote I/O to create a system as large as 8,192 I/O addressed by a single D2-260 CPU.
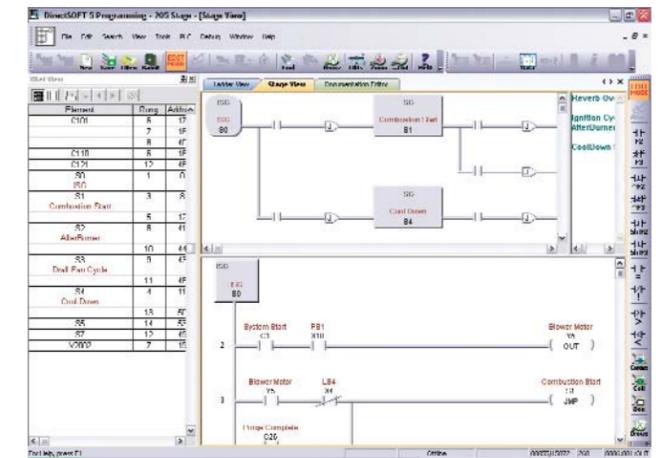
5 **Great sequential instructions**

Think of our drum instruction as a software emulation of a mechanical cam switch or a programmable limit switch. The rotation (steps) of the drum is controlled by time or events (inputs or control relays). As the drum sequences through the steps in your application, up to 16 preconfigured outputs/control relays change state. Drums are an efficient way to program sequential operations and our drums are made super easy to program with point and click editing.
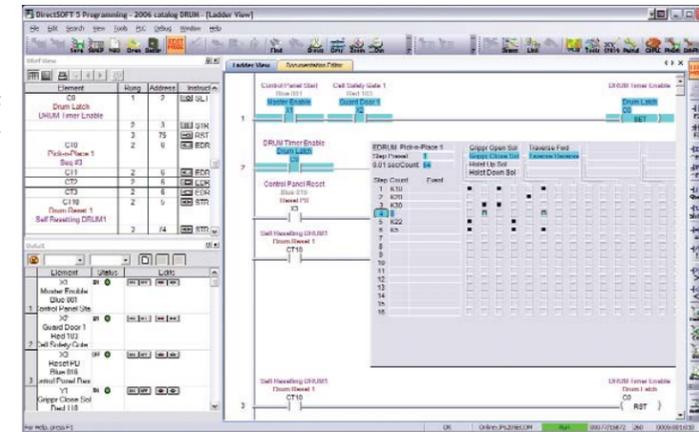
DL205 drum timer instruction

6 **RLL, *IBox* and RLL+ Programming**

Our Relay Ladder Logic (RLL) incorporates *IBoxes*, intelligent modularized instructions, that perform simple to complex ladder logic. RLL +, or "stage" programming, incorporates instructions that allow you to break your program into "stages" or states of a flow chart. Stage may also help reduce your memory requirements and scan time.

D2-260 CPU
Communicate to ASCII devices from the bottom CPU port

4 **Locate I/O anywhere**

Reduce your wiring cost by locating I/O near your field devices. Up to four expansion bases of I/O (all synchronously updated each scan) can be placed 30 meters (total run) from the local base. High speed 10baseT Ethernet bases (H2-EBC) can each be located up to 100 meters from a local base with an Ethernet Remote Master module (H2-ERM). Fiber optic versions of these Ethernet modules allow this distance to be increased to 2,000 meters.

Serial remote I/O bases can be located up to 1,200 meters (at 19.2K baud) from the local base.

Stage programming combines RLL instructions with flow chart thinking.

Traditional Wiring VS. **ZIPLink™ Wiring**

For more information on our "5-second wiring solution", check out the Terminal Blocks and Wiring section.

7 **High-density modules save space and money, and can be wired in seconds using *ZIP*Links**

The DL205 modules offer a variety of I/O density from four I/O points per module up to 32 I/O points per module. These modules are small and can get cramped when wiring. So we developed a very low cost and fast way to wire them using *ZIP*Links. *ZIP*Link products include terminal block, feedthrough terminals, relay terminals, fuse terminals and LED terminals (good for high density inputs).

this module **can be used with** **ZIP**LINK CONNECTION SYSTEMS

Want to save wiring time?
Look for this symbol. Numerous DL205 modules can be used with our *ZIP*Link connection systems for easy 5-second wiring solutions!

CHECK OUT OUR PRICES

PLC I/O Modules	*Direct*LOGIC DL205	VS.	Allen-Bradley SLC500	Allen-Bradley CompactLogix
DC Modules				
8-pt. Input	$49 (D2-08ND3)		$195 (1746-IB8)	N/A
16-pt. Input	$82 (D2-16ND3-2)		$262 (1746-IB16)	$247 (1769-IQ16)
32-pt. Input	$112 (D2-32ND3)		$475 (1746-IB32)	N/A
8-pt. output	$52 (D2-08TD1)		$252 (1746-OV8)	N/A
16-pt. output	$52 (D2-16TD1-2)		$52 (1746-OV16)	$324 (1769-OB16)
32-pt. output	$112 (D2-32TD1)		$564 (1746-OV32)	N/A
AC Modules				
8-pt. Input	$69 (D2-08NA-1)		$234 (1746-IA8)	$262 (1769-IA8I)
16-pt. Input	$122 (D2-16NA)		$351 (1746-IM16)	$291 (1769-IA16)
8-pt. output	$99 (D2-08TA)		$346 (1746-OA8)	$291 (1769-OA8)
Isol. Relay Modules				
8-pt.	$99 (F2-08TRS)		$296 (1746-OX8)	$296 (1769-OW8I)

*All prices are U.S. published prices. Prices and specifications may vary by dealer and configuration. AutomationDirect prices are from October 2007 Price List. Allen-Bradley prices are from http://shop.rockwellautomation.com 7/20/07.