DL205 - Great Fit For Communication-Intensive Applications

Here's why

The DL205 PLC family offers incredible connectivity options for a micro PLC, making it suitable for almost any communication-intensive application. Check out the top six reasons why the DL205 is a great fit for these types of applications:

❶ Built-in communications to operator interfaces, PLC networking, and more

The D2-250-1 and D2-260 CPUs offer two built-in communication ports that support a wide array of devices. The top port supports programming and operator interfaces. The bottom port on the D2-260 supports RS-232/422/485 networking, along with ASCII in/out, Remote I/O master and Modbus RTU master/slave. (If using D2-260 CPU you can connect this port directly to our GS series drives!)

❷ Telephone modem support

AUTOMATIONDIRECT offers an industrial telephone modem (MDM-TEL) that allows access to PLC data and programs via a telephone line. The rugged industrial telephone modem mounts on a DIN-rail and easily connects to our PLCs. Connecting telephone modems to PLCs can be tricky, but this industrial telephone modem can be hooked up in seconds. The modem allows for remote PLC programming (use our *Direct*SOFT programming package over the phone), long distance PLC-to-PLC communications, and PLC data reporting to a PC HMI.

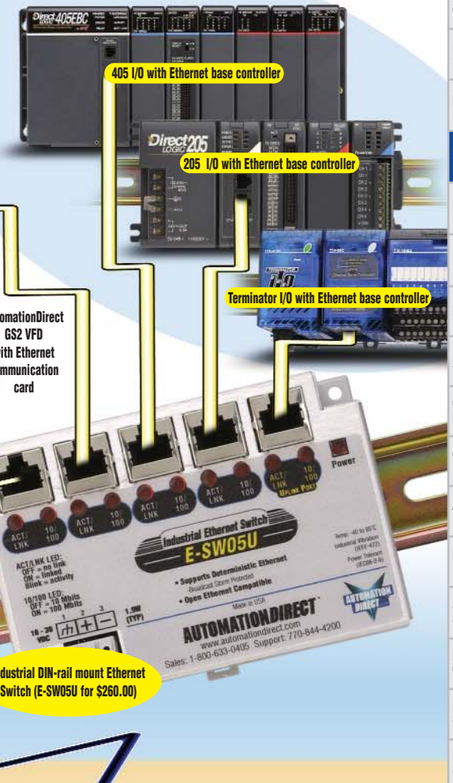
❸ Custom communication built by you

The F2-CP128 ($349.00) is a universal communication CoProcessor module. Create custom BASIC programs to interface to barcode readers, VF drives, or other intelligent devices with various protocols. (Write your own driver to a unique serial device.) Comes with 128K memory, 26 MHz CPU and three independent communication ports. Two ports support master/slave RS-232/422/485 and the third supports RS-232.

Complex ASCII devices

Drives, servos, etc.

AutomationDirect GS2 VFD with Ethernet communication card



405 I/O with Ethernet base controller

205 I/O with Ethernet base controller

Terminator I/O with Ethernet base controller

Industrial Ethernet Switch E-SW05U

Industrial DIN-rail mount Ethernet Switch (E-SW05U for $260.00)

H2-ECOM Ethernet Communication ($285.00)

H2-ERM Ethernet remote master ($199.00)

F2-CP128 Communication CoProcessor ($349.00)

D2-DCM general purpose RS-232/RS422 port supports DirectNET, Modbus RTU slave protocols ($299.00)

Industrial DIN-rail mount telephone modem (MDM-TEL $399.00)

Built-in RS-232/422/485 port supports modems, Modbus RTU to drives, operator interface, or ASCII in/out for scales, etc. (one device per port)

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

Program, troubleshoot or collect data over the telephone line via industrial modem!

The modem and PLC can replace a high-cost packaged Remote Telemetry Unit (RTU) that may already be using a high-priced PLC as its brain. It can also be used for PLC to PLC dialing triggered by a PLC output. Saves money on service calls, data acquisition and up-and-down time reporting.

❹ Built-in ASCII

The D2-260 CPU supports ASCII input and ASCII output. We designed powerful fill-in-the-blank instructions that are used within your RLL program to allow easy communication to or from ASCII devices.

❺ Industrial Ethernet switch/hub for more deterministic communications

You can use most off-the-shelf Ethernet hubs or switches with our Ethernet communication products. However, we wanted to offer an industrial Ethernet switch that would make your communications easy to set up and extremely reliable. This hub/switch (E-SW05U for $260.00) is DIN-rail mountable, and powered by 24 VDC. Use it to connect our DL205, DL405 or Terminator I/O and our GS1 and GS2 drives via our Ethernet drive card (GS-EDRV), all on the same network.

Program DL205 PLCs and C-more panels over an Ethernet network!

PC connected via Ethernet

Ethernet

Multiple C-more panels on Ethernet network

❻ Ethernet communications for touch panels and PLCs

Have you ever wanted to program multiple PLCs and touch panels over Ethernet, or have multiple touch panels connected to a single PLC? Not a problem. Use our general purpose H2-ECOM module in the DL205 base and connect it to multiple *C-more* panels, along with a PC with *Direct*SOFT, via a standard off-the-shelf Ethernet hub! And for super-high speed peer communications between PLCs or to a PC, use the H2-ECOM100 for 100 Mbit rates.