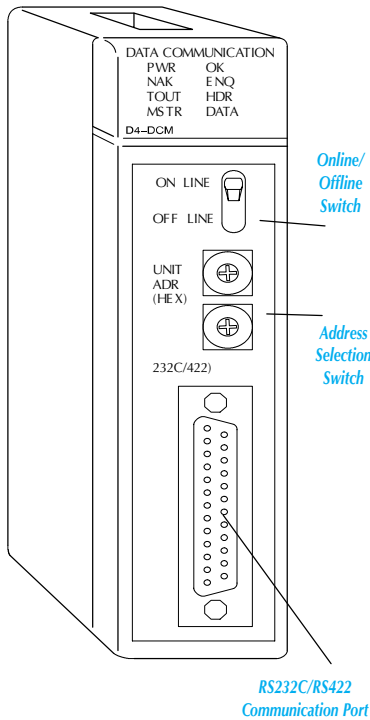


## D4-DCM

The DL405 Data Communication Module (DCM) is a general purpose communications interface for the DL405 family of PLCs. This module is primarily used for three reasons:

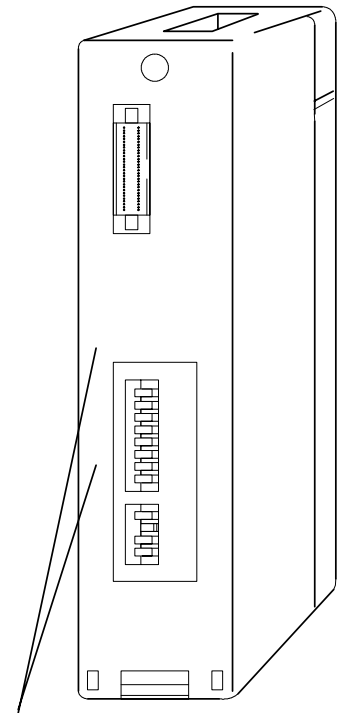
- Extra general purpose communications port to connect a personal computer, operator interface, etc.
- Network interface to a **DirectNET** network
- Network interface to a MODBUS network using the RTU protocol



### Mode 1:

#### Extra Communication Port

All DL405 CPUs offer at least 2 built-in communication ports. (The D4-450 even has 4 ports!) However, if even more communication ports are needed, additional Data Communication Modules can be added. As an extra communication port, the DCM has specifications identical to port 1 on the DL405 PLCs (plus, it offers a higher baud rate). Whatever can be connected to port 1 of the DL405 CPU can be connected to the DCM, just make sure the device has a DL405 compatible driver. This allows additional connections of devices, such as operator interfaces, personal computers, etc. Since the DCM does not require any programming, you can set the DCM communication parameters, connect the cables, and start transferring data.



DIP Switches for communications and Protocol Parameters

Specifications	
<b>Module Type</b>	Intelligent
<b>Modules per CPU</b>	7 Maximum, any slot in CPU Base
<b>Communications</b>	RS232C/422, <b>DirectNET</b> , SIMATIC®TI405™, or MODBUS (slave only) RTU protocol. Baud rate selectable from 300 to 38.4K baud. Odd or no parity. HEX or ASCII mode
<b>Recommended Cable</b>	Belden 9729 or equivalent (for RS422)
<b>Field Wiring Connector</b>	25 Pin D-shell connector
<b>Internal Power Consumption</b>	500 mA maximum at 5VDC, (supplied by base power supply)
<b>Operating Environment</b>	0°C to 60°C (32°F to 140°F), 5% to 95% humidity (non-condensing)
<b>Manufacturer</b>	Koyo Electronics

