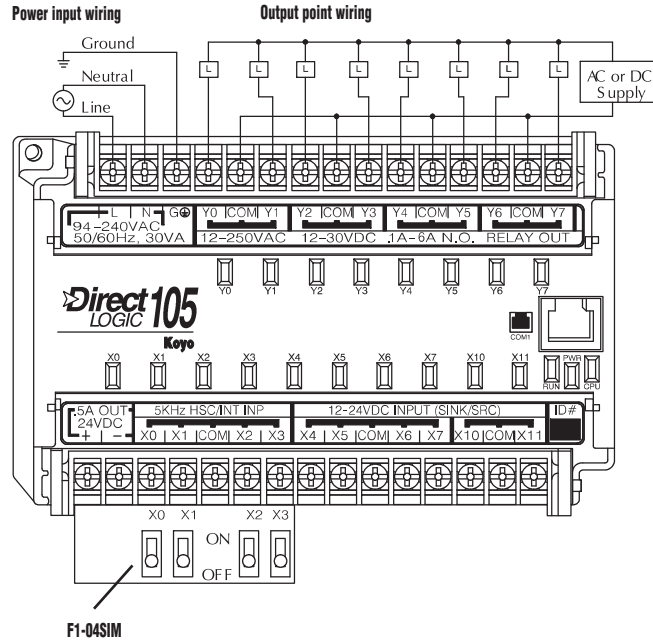# Four-Point Simulator

F1-04SIM   <--->

Wiring diagram and specifications

The F1-04SIM is a simple 4-point simulator that can be used with DC input versions of the DL105 micro PLCs. It uses input points X0-X3 and is great for testing purposes.

Note: you cannot use this simulator with units that have AC discrete input points.

The simulator is a single circuit board that simply slides underneath the screw terminals on the DL105 micro PLC. One advantage with this simulator is that power is obtained directly from the auxiliary 24 VDC supply located on the input terminal strip. So for most applications, the task is extremely simple. If you are using an F1-130DD-D or F1-130DR-D, then you have to jumper the power input before you can use the simulator. This is because the DC-powered units do not offer this auxiliary supply.

For AC powered units, there are no extra wiring connections. Power is obtained directly from the 24 VDC auxiliary supply.

F1-04SIM

To use with DC powered units, simply connect the input power wiring to the unused terminals normally occupied by the 24 VDC auxiliary supply.

F1-04SIM

PLC Overview

DL05/06 PLC

DL105 PLC

DL205 PLC

DL305 PLC

DL405 PLC

Field I/O

Software

C-more HMIs

Other HMI

AC Drives

Motors

Steppers/ Servos

Motor Controls

Proximity Sensors

Photo Sensors

Limit Switches

Encoders

Current Sensors

Pushbuttons/ Lights

Process

Relays/ Timers

Comm.

TB's & Wiring

Power

Circuit Protection

Enclosures

Appendix

Part Index