

DC Input Module Wiring

The DC Input Module has sixteen inputs, in two groups of eight inputs per group. The groups are isolated from each other; inputs are non-isolated within each group. An example of Digital Input Module wiring is shown in Figure 56. Specifications for this module and for other modules are given in the Specifications manual.

Shield Grounding

Shields must be grounded as described under Shield Grounding at the beginning of this section.

Common Terminals

Two common terminals are provided for each group of eight inputs. Terminals 9 and 10 are connected in the input module, and terminals 11 and 12 are connected in the module.

Jumper Comb

A two-position jumper comb is available (as an option, for barrier-style terminal blocks only) for connecting digital common wiring (at terminals 9 and 11 *or* 10 and 12). See Figure 57.



Hazardous voltages exist at terminal blocks.

- Using switches at field devices disconnect the field wiring from power sources before servicing. Failure to comply with these instructions could result in death or serious injury.

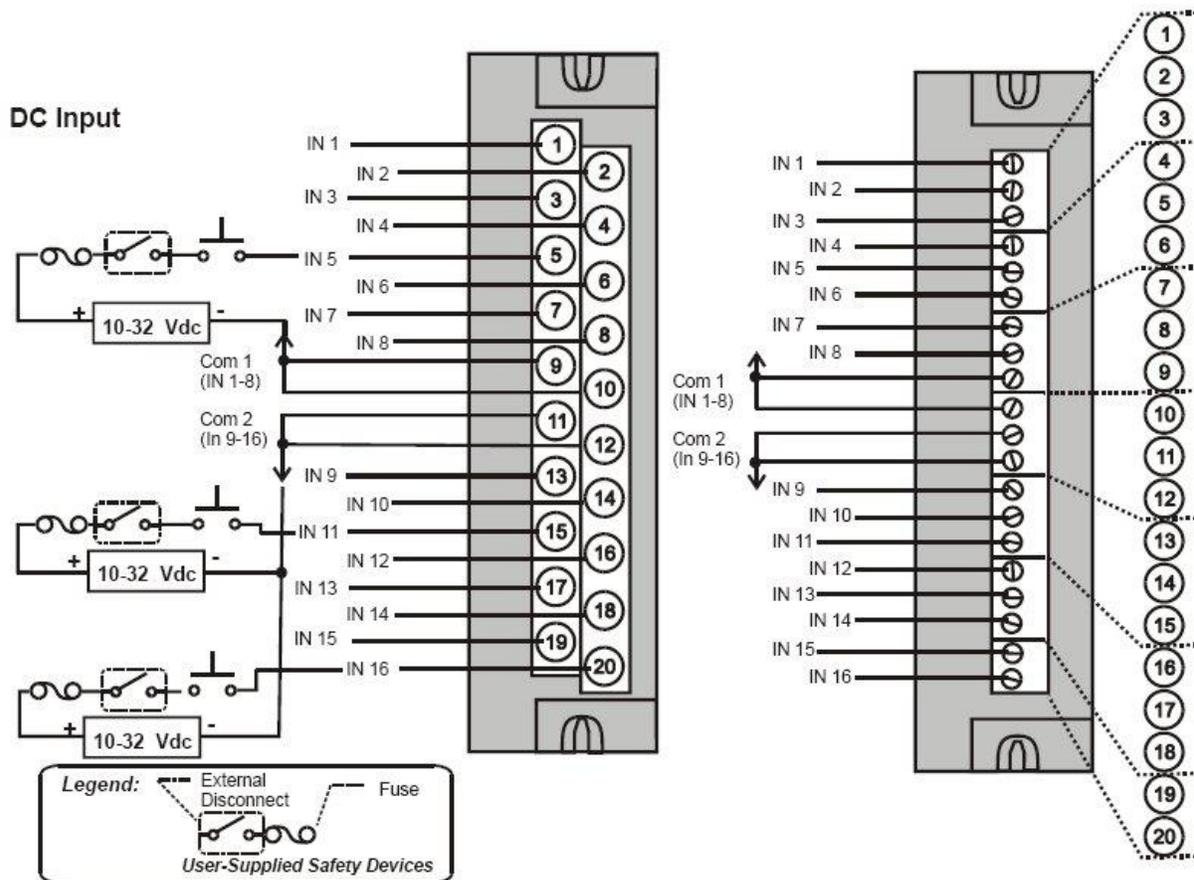


Figure 56 – DC Input Module Wiring Diagram

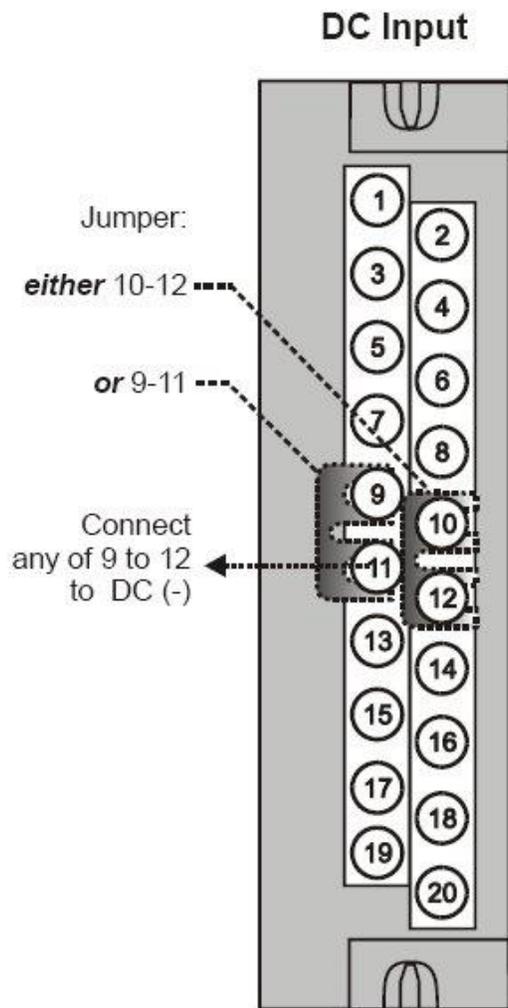


Figure 57 – DC Input Module Jumper

32 point DC Input Module Wiring

The 32-point DC Digital Input module (Figure 58) provides two groups of 16 inputs, each with a pair of terminals for connection to common. DC power applied between the common terminal and an input cause the input to turn ON. A green LED on the module provides indication of an ON state. Logic in the controller allows the state to be inverted when necessary.

Requires Low Voltage Euro style 36-terminal terminal block.

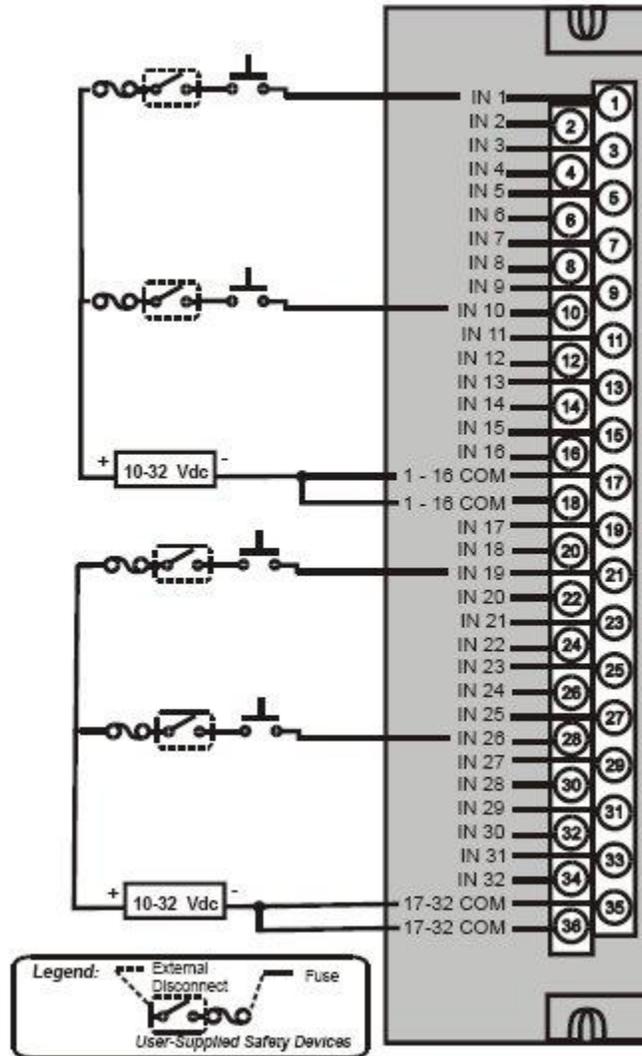


Figure 58 – 32 point DC Input Module Wiring