

## 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.

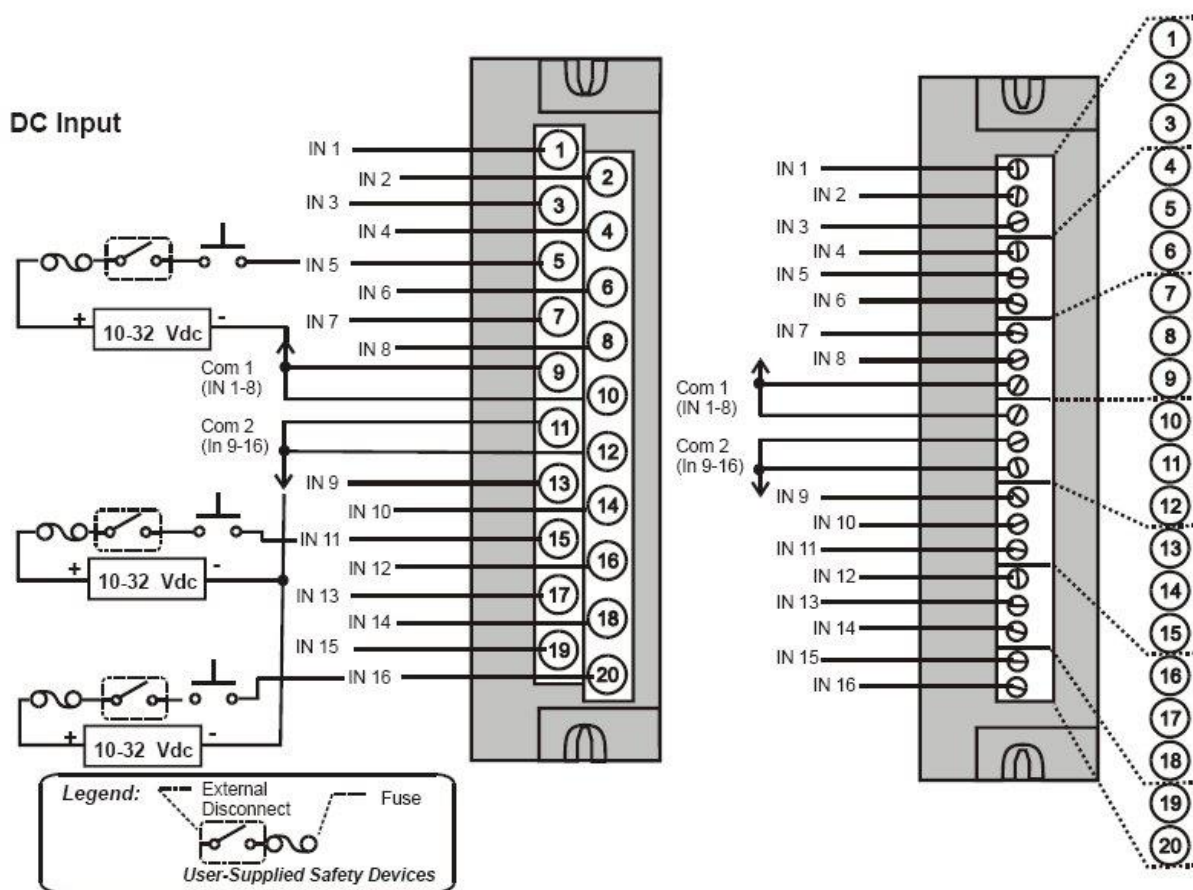
### Jumper Comb

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.

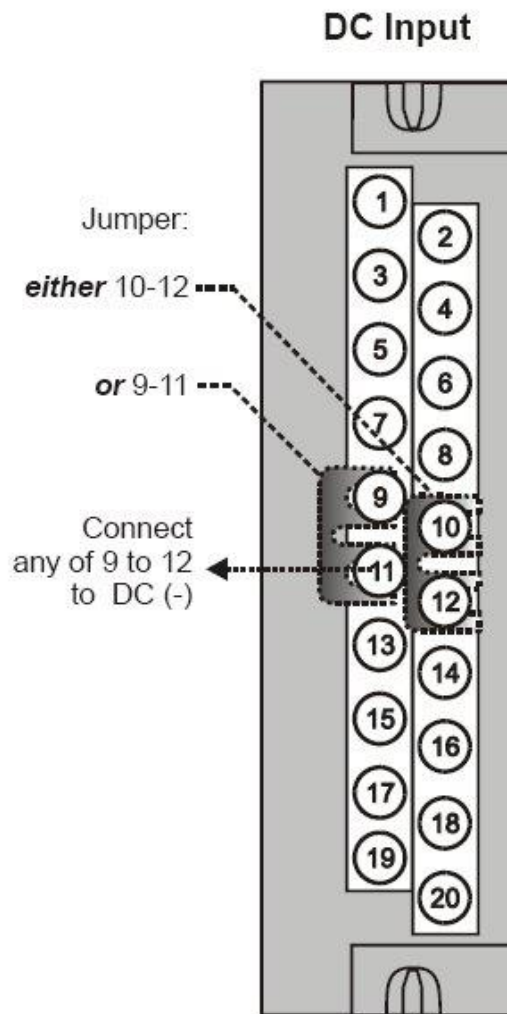


**Hazardous voltages** exist at terminal blocks.

- 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.

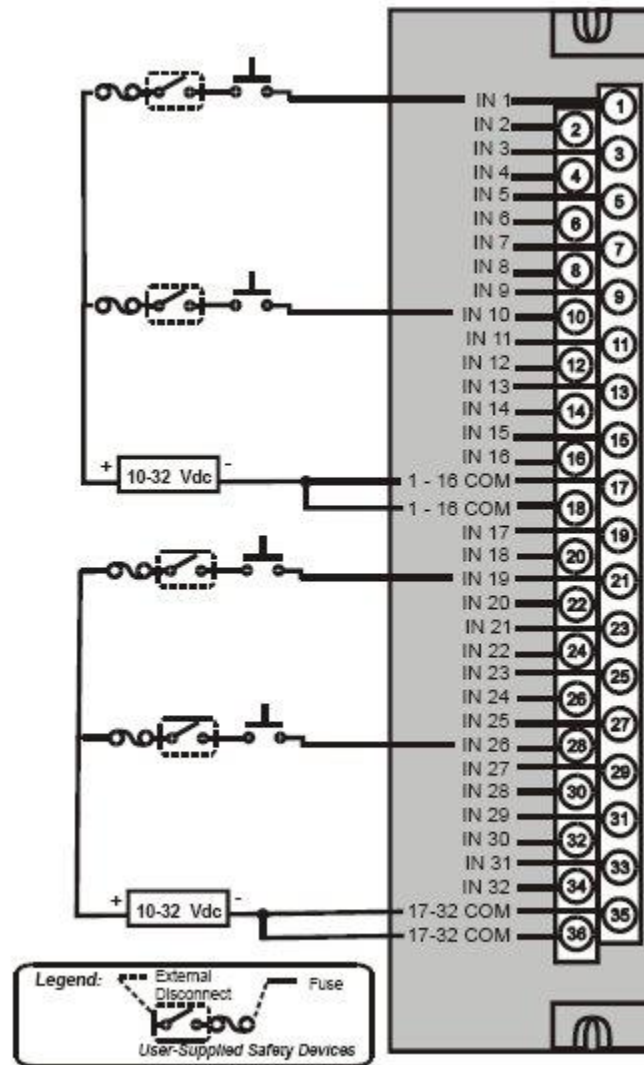


Figure 58 – 32 point DC Input Module Wiring