

2.6 Wiring Diagrams, Continued

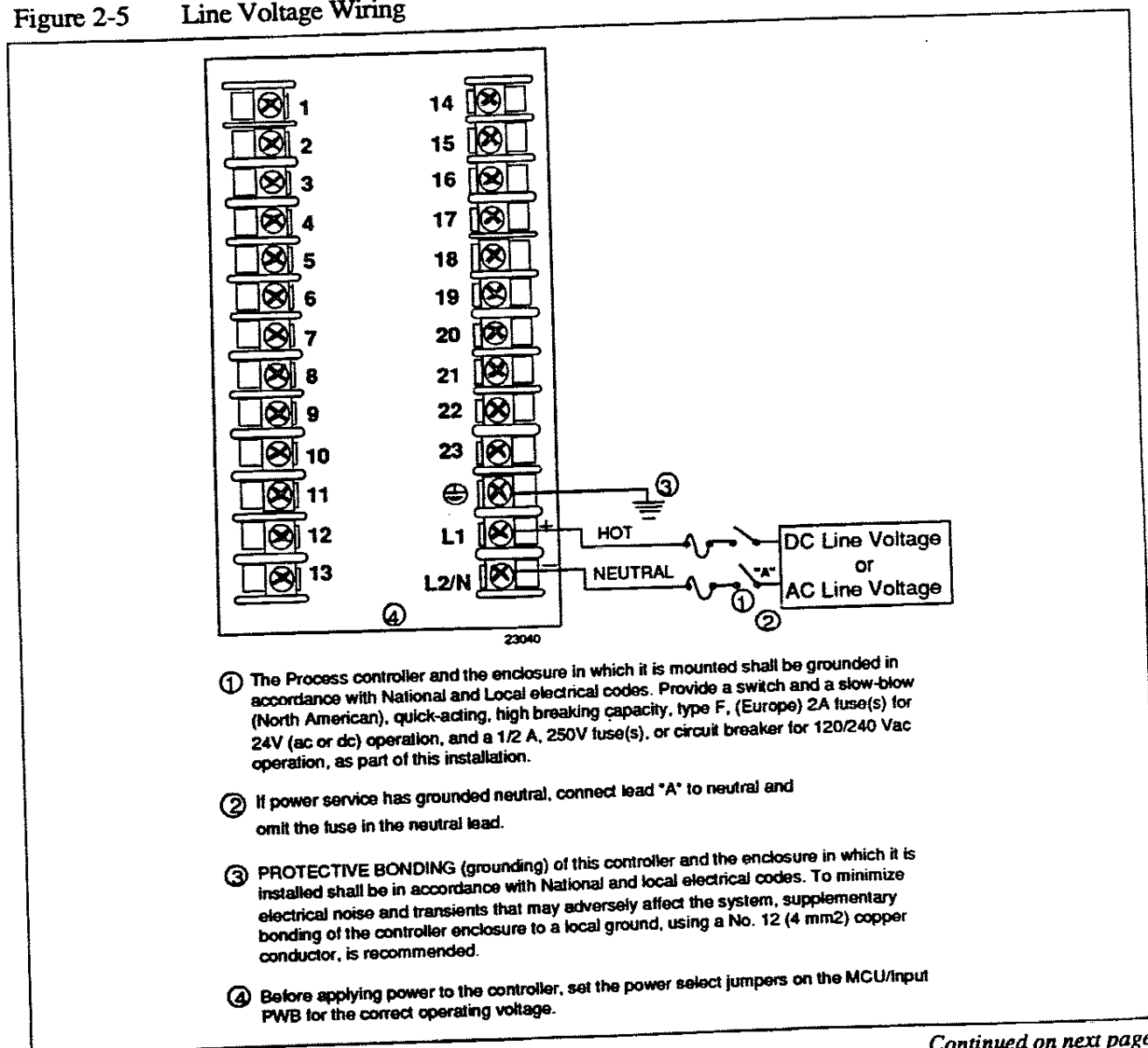
Line voltage wiring

This equipment is suitable for connection to 24Vac/dc or 115/230 Vac, 50/60 Hz, power supply mains. When connected to 115/230 Vac, 50/60 Hz, power supply mains, it is the user's responsibility to provide a switch and slow-blow (North America), quick-acting, high breaking capacity, Type F, (Europe) 1/2 A, 250 V fuse(s) or circuit-breaker as part of the installation. The switch or circuit-breaker shall be located in close proximity to the controller, within easy reach of the OPERATOR. The switch or circuit-breaker shall be marked as the disconnecting device for the controller.

CAUTION Applying the wrong power to the controller will severely damage the controller and is a fire and smoke hazard.

Figure 2-5 shows the wiring connections for line voltage.

Figure 2-5 Line Voltage Wiring



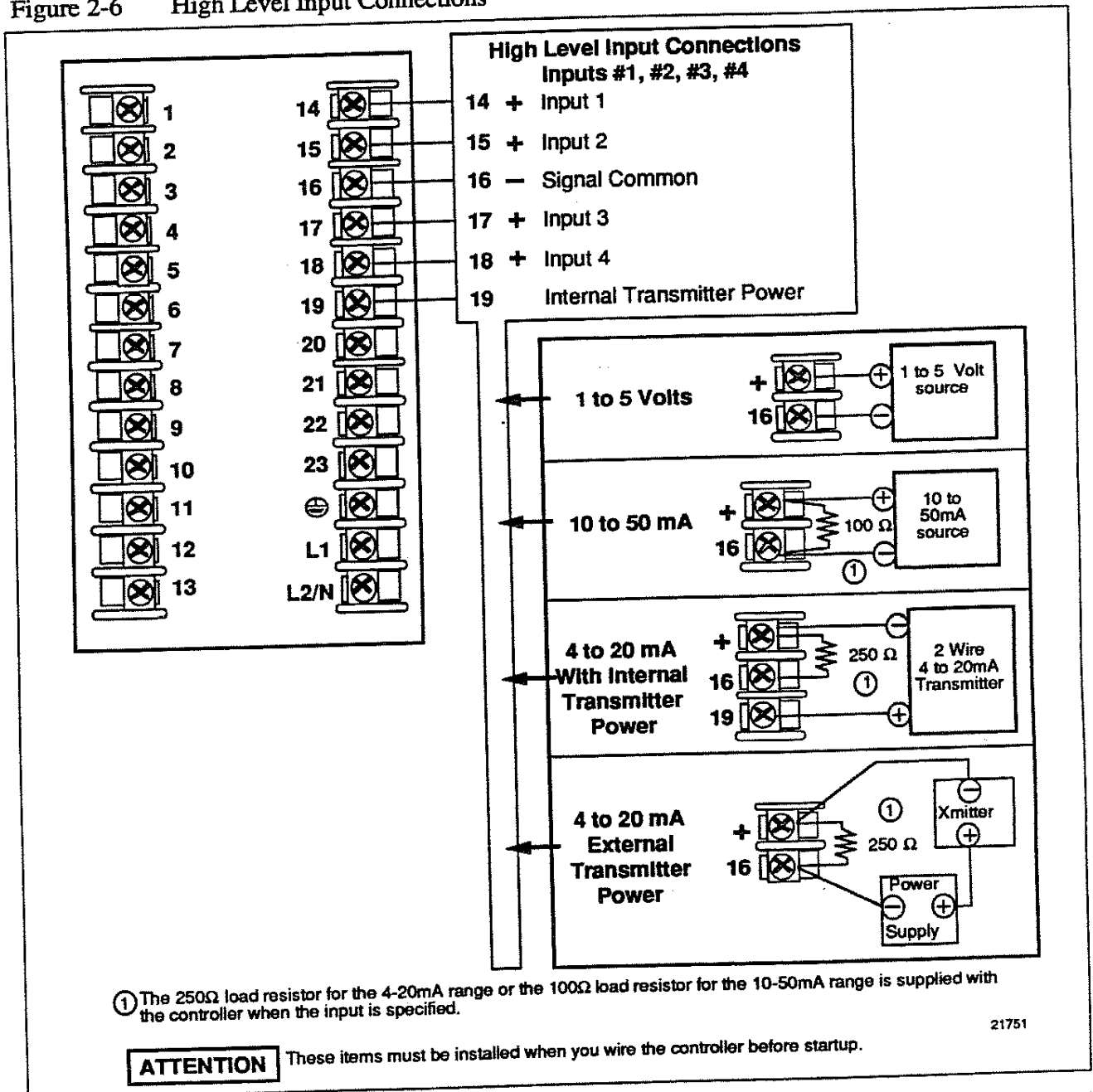
Continued on next page

2.6 Wiring Diagrams, Continued

High level Input connections

Figure 2-6 shows the wiring connections for Input #1, #2, #3, and #4, also Internal Transmitter Power.

Figure 2-6 High Level Input Connections



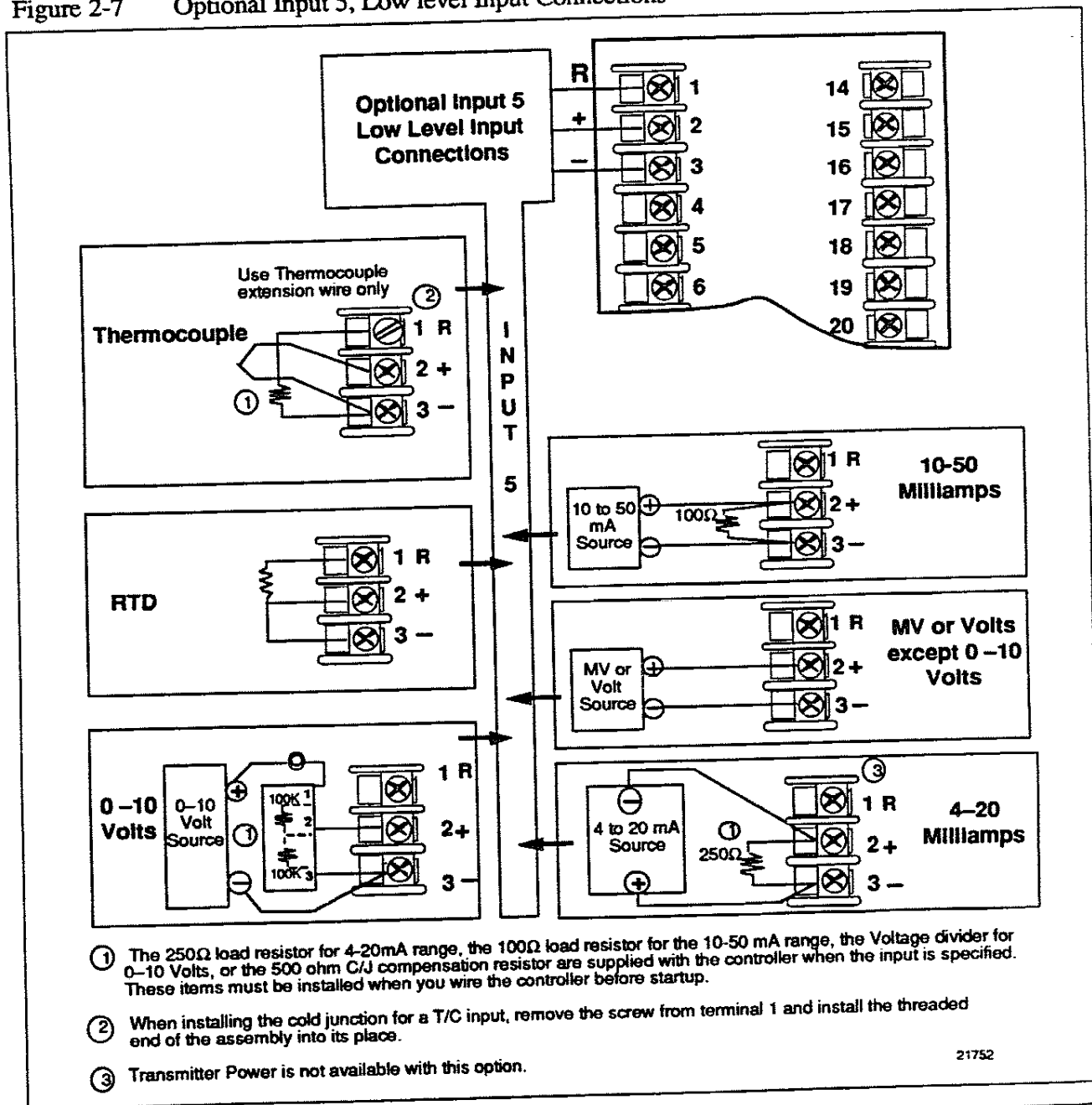
Continued on next page

2.6 Wiring Diagrams, Continued

Optional Input 5 (Low Level Inputs)

Figure 2-7 shows the wiring connections for Optional Input 5, Low Level Input.

Figure 2-7 Optional Input 5, Low level Input Connections



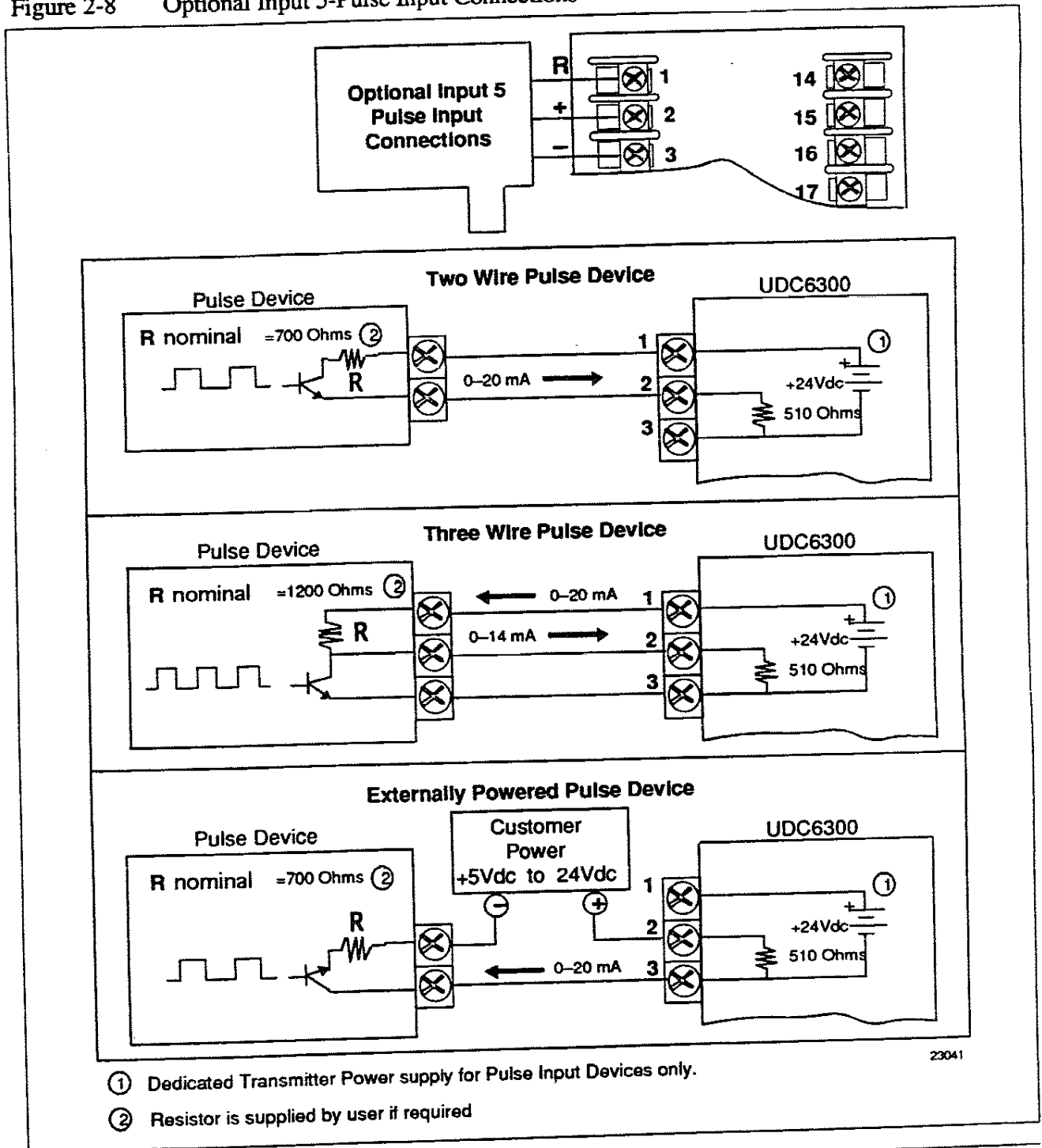
Continued on next page

2.6 Wiring Diagrams, Continued

Optional Input 5 (Pulse Inputs)

Figure 2-8 shows the wiring connections for Optional Input 5-Pulse Inputs.

Figure 2-8 Optional Input 5-Pulse Input Connections



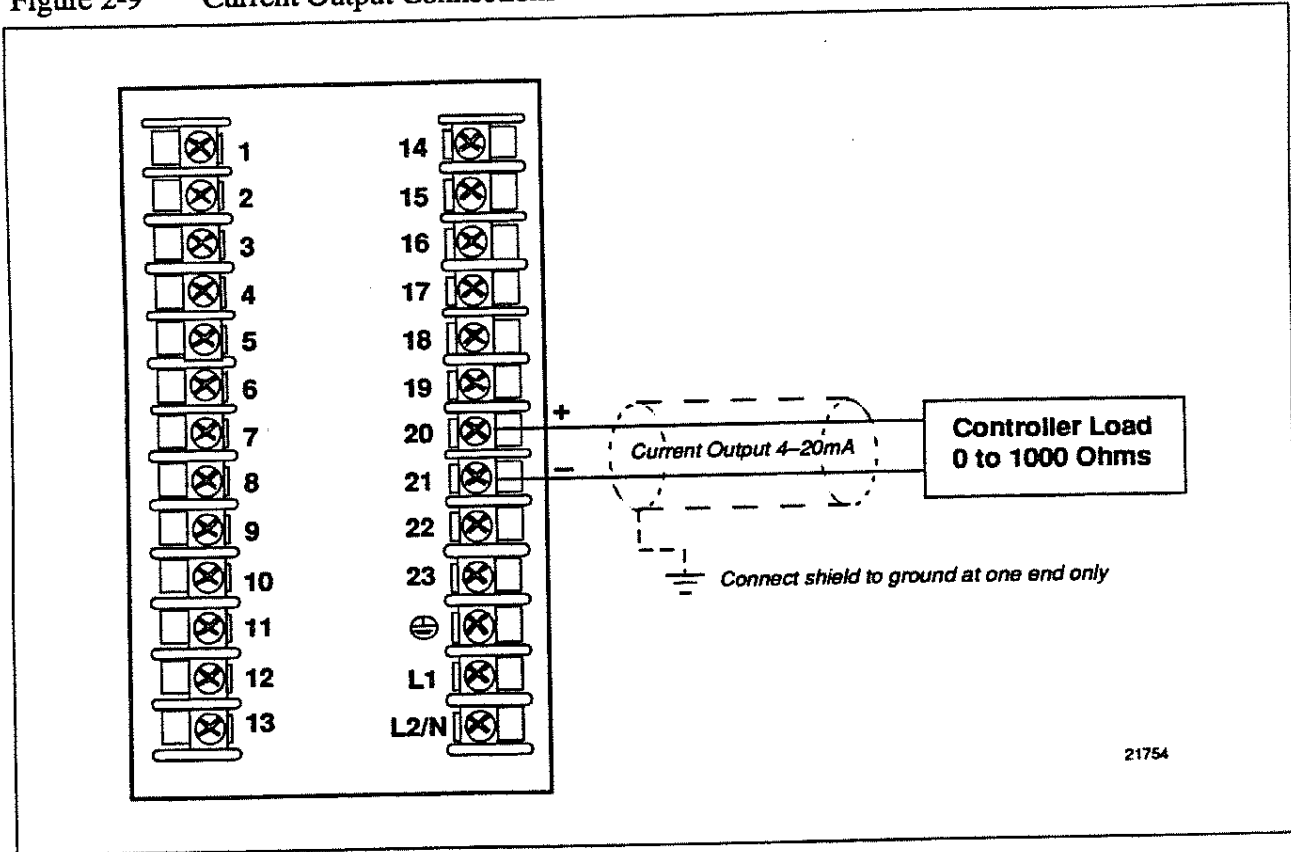
Continued on next page

2.6 Wiring Diagrams, Continued

Current Output

Figure 2-9 shows the wiring connections for Current Output.

Figure 2-9 Current Output Connections

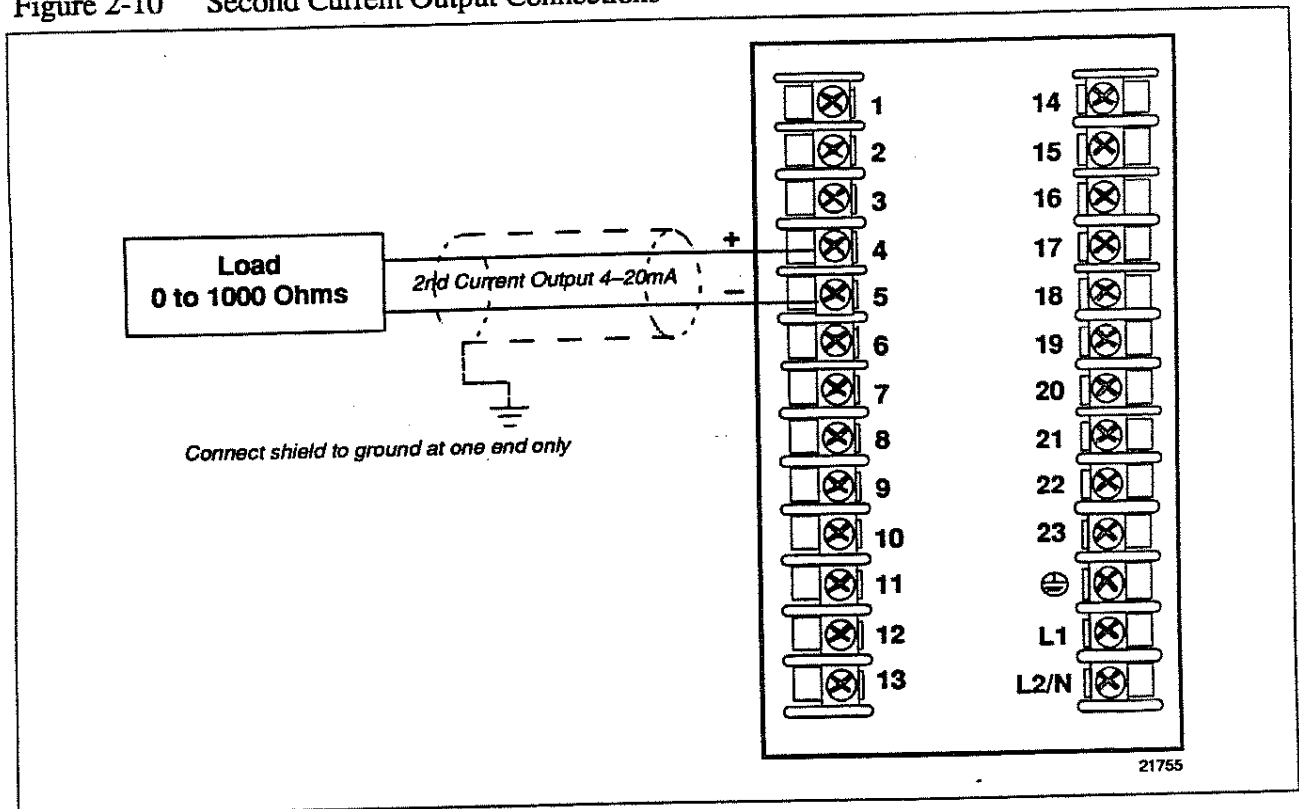


Continued on next page

2.6 Wiring Diagrams, Continued

Second Current Output Figure 2-10 shows the wiring connections for a Second Current Output.

Figure 2-10 Second Current Output Connections



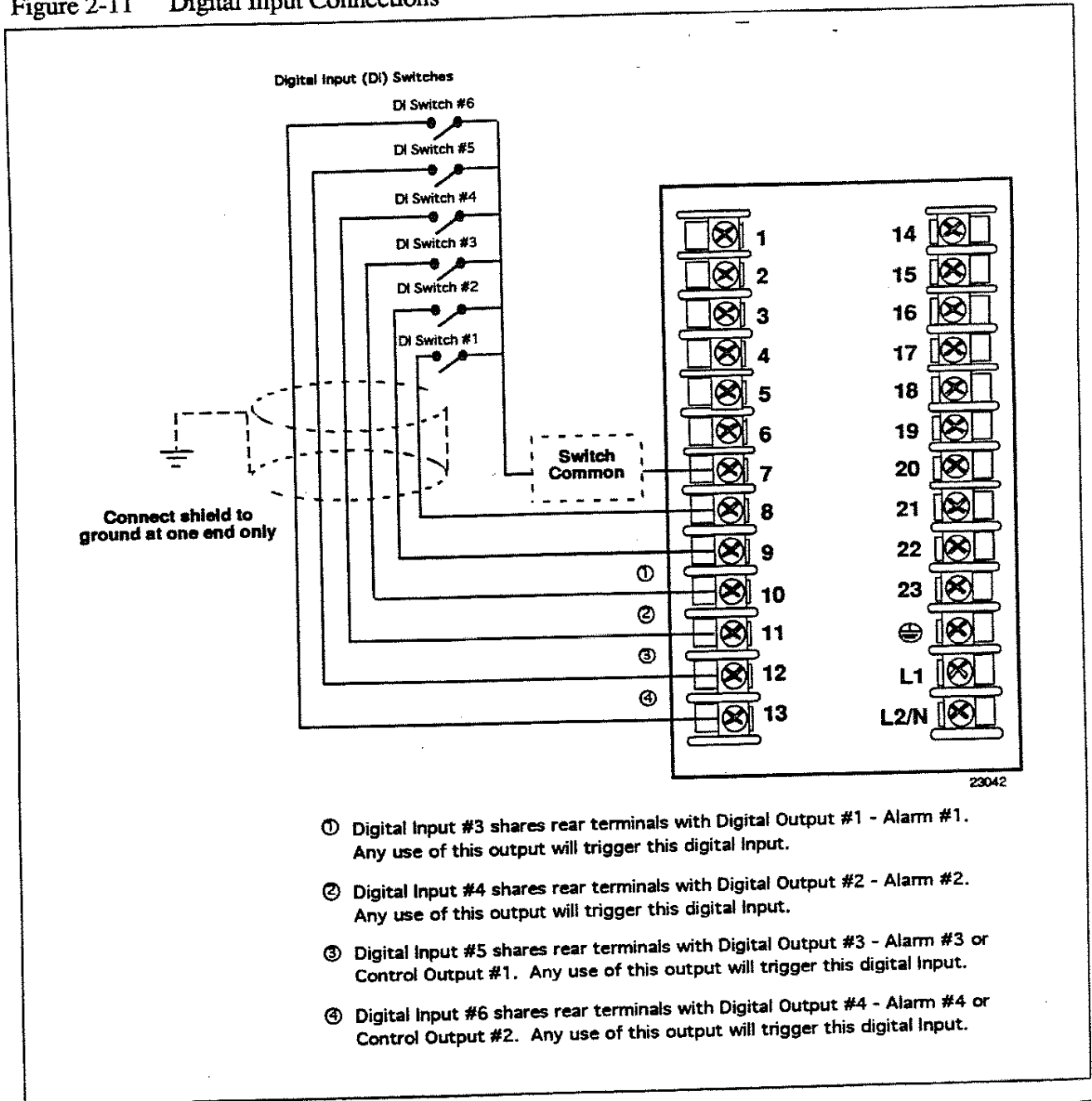
Continued on next page

2.6 Wiring Diagrams, Continued

Digital Inputs

Figure 2-11 shows the wiring connections for all six Digital Inputs.

Figure 2-11 Digital Input Connections



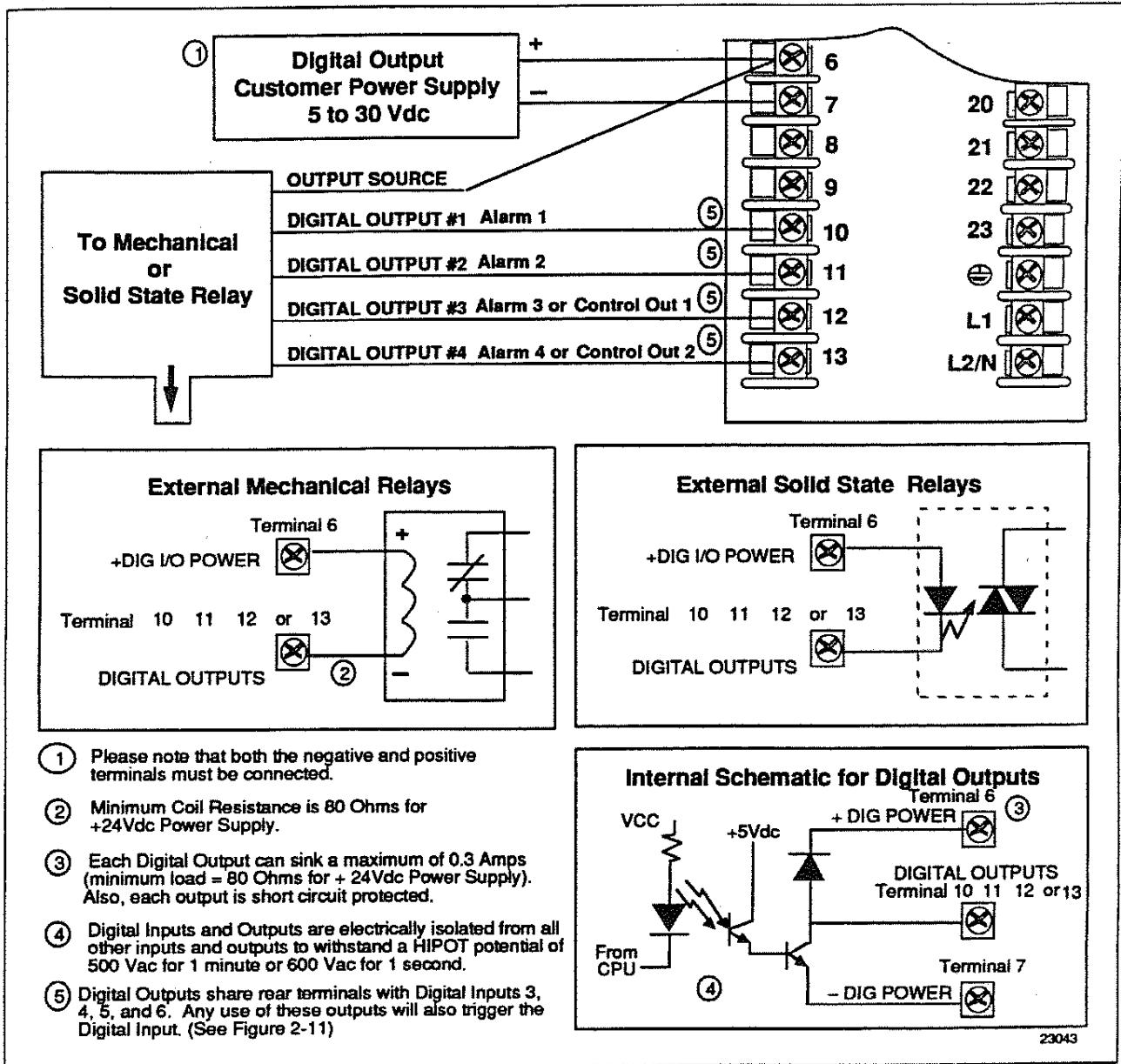
Continued on next page

2.6 Wiring Diagrams, Continued

Digital Outputs

Figure 2-12 shows the wiring connections for Digital Outputs.

Figure 2-12 Digital Output Connections



- ① Please note that both the negative and positive terminals must be connected.
- ② Minimum Coil Resistance is 80 Ohms for +24Vdc Power Supply.
- ③ Each Digital Output can sink a maximum of 0.3 Amps (minimum load = 80 Ohms for + 24Vdc Power Supply). Also, each output is short circuit protected.
- ④ Digital Inputs and Outputs are electrically isolated from all other inputs and outputs to withstand a HIPOT potential of 500 Vac for 1 minute or 600 Vac for 1 second.
- ⑤ Digital Outputs share rear terminals with Digital Inputs 3, 4, 5, and 6. Any use of these outputs will also trigger the Digital Input. (See Figure 2-11)

Continued on next page

