Description
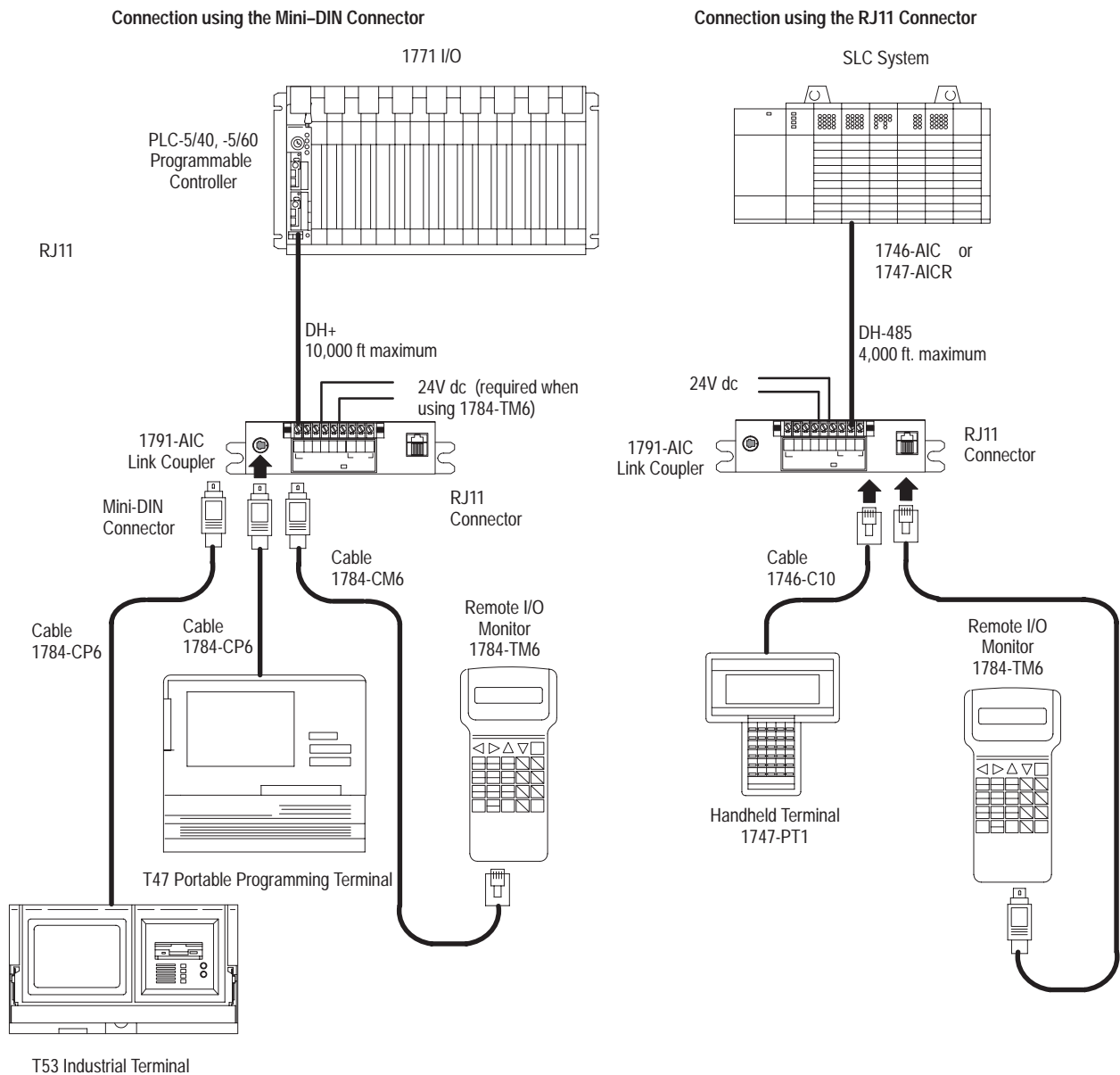
The isolated link coupler module (cat. no. 1791-AIC) provides an interface to Data Highway Plus® (DH+) and DH-485 communication links. The DH+ connection lets you remotely connect a programming terminal such as an Allen-Bradley T47. The DH-485 connection lets you connect a handheld terminal and the SLC processor. Both DH+ and DH-485 terminations on the 1791-AIC can be used at the same time.

Figure 1
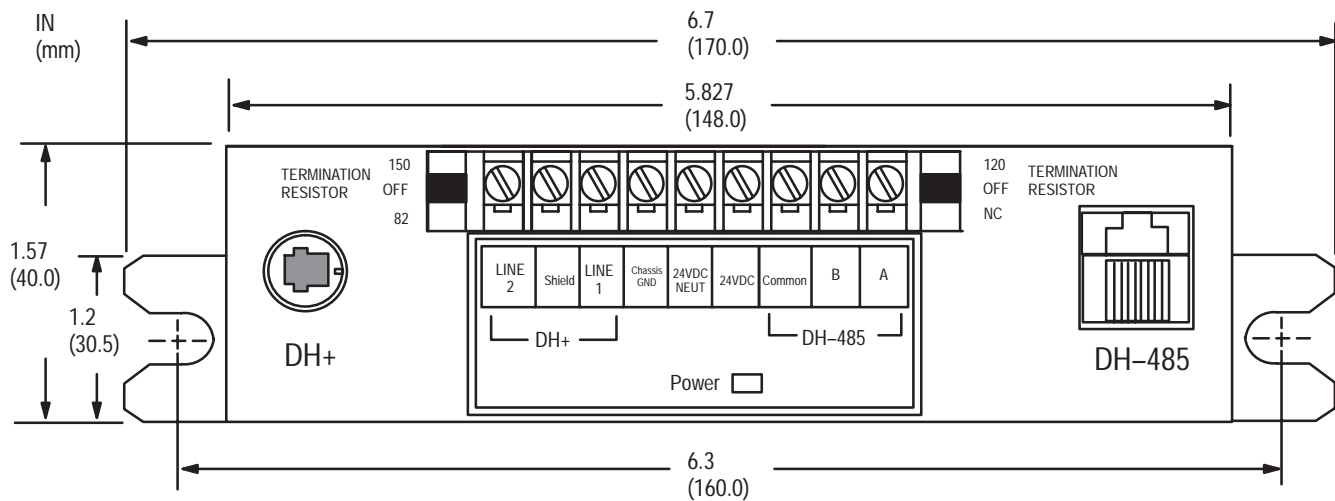**Link Coupler Sample Connection Diagram using a T47 Terminal or Handheld Terminal**

Installing the Isolated Link Coupler

To install the 1791-AIC module, proceed as follows:

Mounting Separate from a Block I/O Module

1. Select a position for mounting. The AIC module can be mounted either horizontally or vertically. Mounting dimensions are shown in Figure 2.

Figure 2
Mounting Dimensions for the Isolated Link Coupler (cat. no. 1791-AIC)

2. Secure the AIC module with two 1/4-inch mounting screws or bolts.

3. Make wiring connections to the terminal block on the AIC module as described in Connecting Wiring.

4. Use a flat-bladed screwdriver to position the termination resistor switch for your application.

Mounting Under a Block I/O Module

1. Refer to Figure 3. Position the AIC module against the bottom of the large block I/O module. The indented area at the top of the AIC module fits over the mounting screws securing the large block I/O module.

2. Secure the AIC module with two 1/4-inch screws or bolts.

3. Make wiring connections to the terminal block on the AIC module as described in Connecting Wiring.