

CP7 Adapter

Cat. No. 1784-CP7

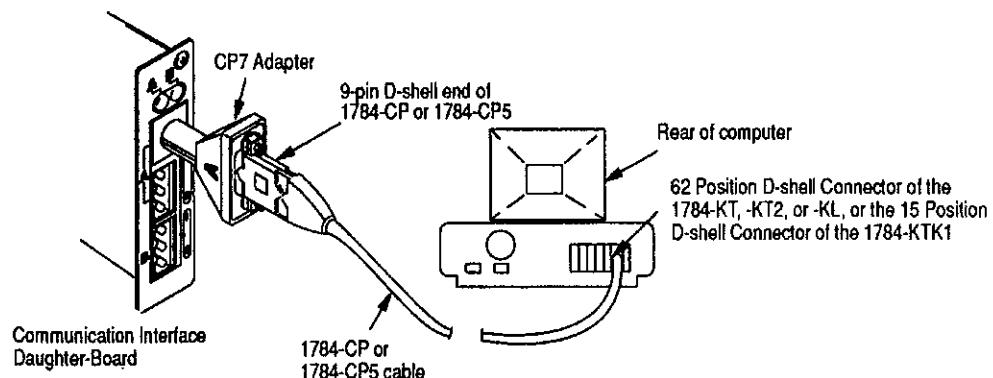
Installation Data

To the Installer

Use the CP7 adapter to connect a personal computer to a communication interface daughterboard (Figure 1). The daughterboard provides the communication to your Data Highway Plus network and can be found in devices such as:

- Allen-Bradley family programmable controllers
- motion control devices

Figure 1
Using the CP7 Adapter to Connect a Personal Computer to a
Communication Interface Daughterboard



| With this computer: | And this Interface: | Use this cable or cable combination CCAT. No. 1 |
|----------------------------------------------------|---------------------|-------------------------------------------------|
| IBM-AT/XT compatible computer | 1784-KTK1 | 1784-CP5 and 1784-CP7 |
| | 1784-KT | 1784-CP6 or 1784-CP and 1784-CP7 |
| Allen-Bradley 1784-T35 or -T50 industrial terminal | 1784-KTK1 | 1784-CP and 1784-CP7 |
| | 1784-KT | 1784-CP6 or 1784-CP and 1784-CP7 |
| Allen-Bradley 1784-T45 or -T47 industrial terminal | 1784-KL | 1784-CP6 or 1784-CP and 1784-CP7 |
| IBM PS/2 device | 1784-KT2 | 1784-CP6 or 1784-CP and 1784-CP7 |

Refer to your devices user's manual for the location of the daughterboard.

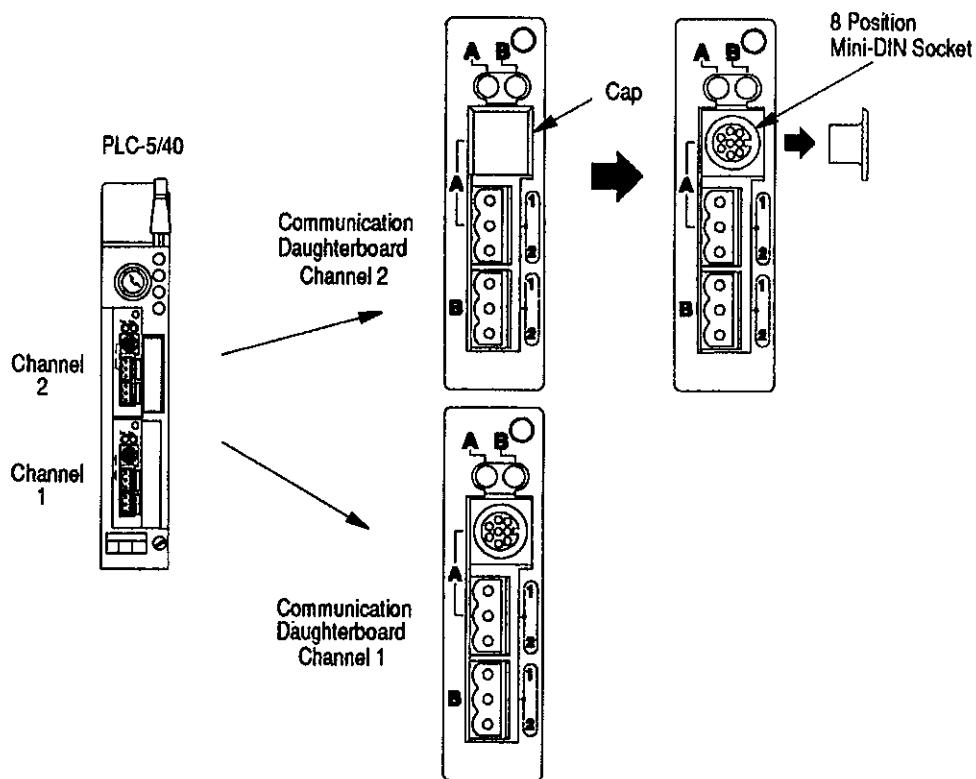
Important: You can use the Allen-Bradley 1784-CP6 cable in place of your 1784-CP cable when connecting a computer to a communication interface daughterboard. You do not need the CP7 adapter when using the 1784-CP6 cable. For more information on the 1784-CP6 cable, refer to the CP6 Cable Installation Data Sheet (publication 1784-2.26)

Installing the CP7 Adapter

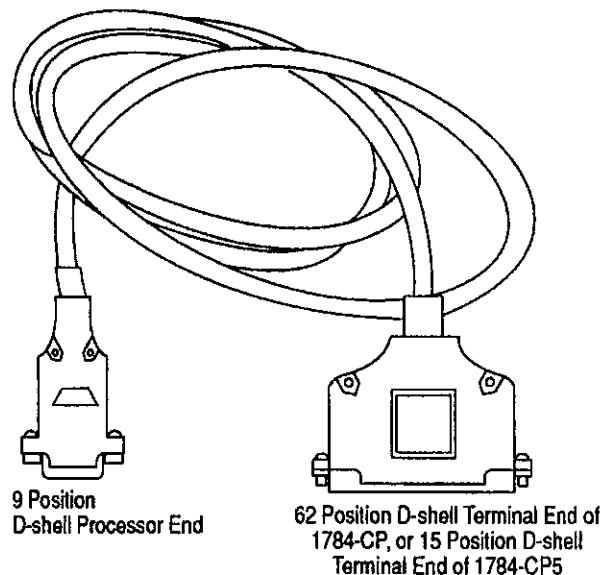
To install the CP7 adapter, follow the steps below:

7. Locate the communication interface daughterboard and remove the cap covering the 8 position mini-DIN socket.

Important: Save this cap; you will need to re-insert it when the socket is not in use.



8. Locate the 1784-CP or 1784-CP5 cable.

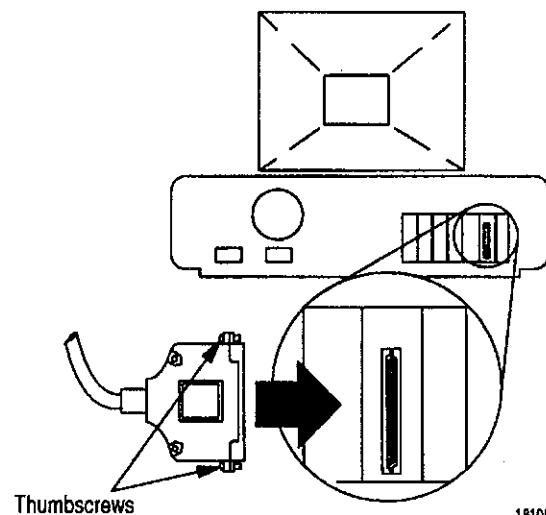


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9. Connect the cable to your computer terminal's interface module

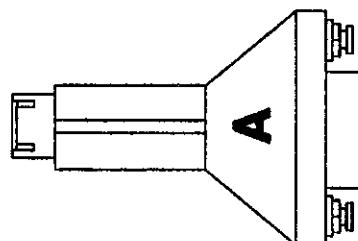
| If you are using this cable: | Plug this end into your terminal's interface module: |
|------------------------------|------------------------------------------------------|
| 1784-CP | 62 position D-shell terminal end |
| 1784-CP5 | 15 position D-shell terminal end |

Turn the thumbscrews clockwise until they come to a complete stop.



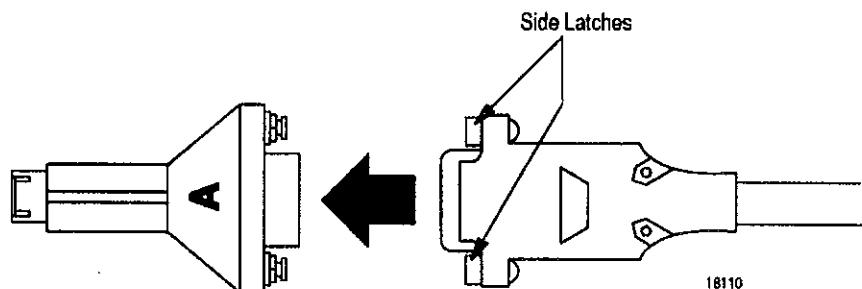
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10. Locate the CP7 adapter.



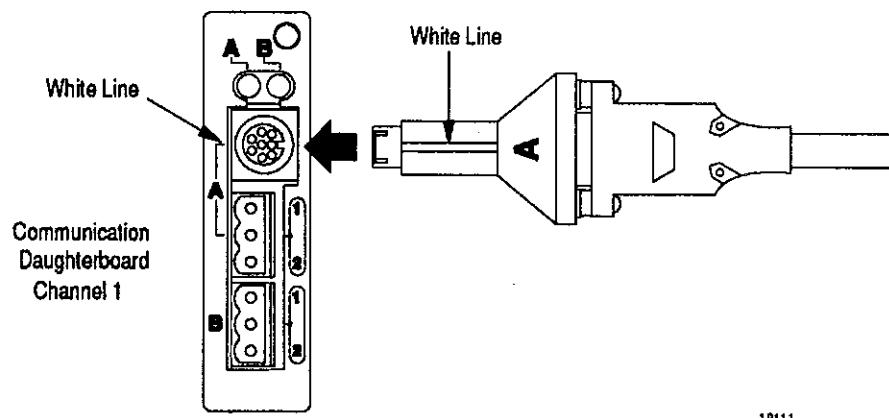
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11. Plug the cable into the adapter and secure the side latches.



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12. Plug the adapter into the 8 position mini-DIN socket communication daughterboard channel 1. Make sure the white line on the adapter lines up with the white line on the face-plate.



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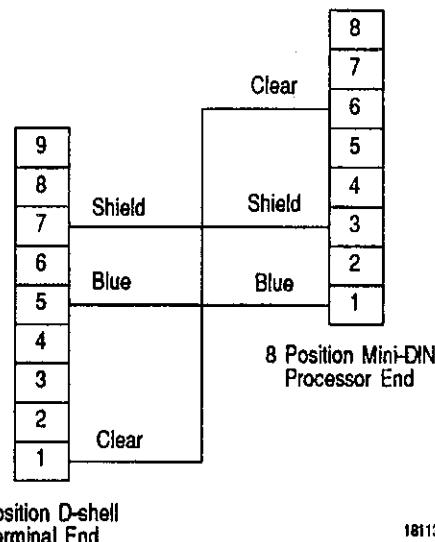
Important: Do not plug the CP7 adapter into communication daughterboard channel 2.

The cable is now connected with channel 1A of the communication interface daughterboard channel 1.

Important: Allen-Bradley's PLC-5/40 and -5/60 family programmable controllers have two communication interface daughterboards. If you are connecting the adapter to a PLC-5/40 or -5/60, you can use the socket of either daughterboard; however, you are only connected with the channel A of the daughterboard in use.

Cable Pinouts

Cable pinouts for the CP7 adapter are shown below.



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Specifications

Specifications for the CP7 adapter are listed below.

| | |
|-----------------------|-----------------------------|
| Storage Temperature | 40° to 185°F (-40 to +85°C) |
| Operating Temperature | 32° to 140°F (0 to 60°C) |
| Humidity | 0° to 95% noncondensing |



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