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Installation Instructions

ControlNet Communication Interface Card

Catalog Number 1784-KTCX15

To the Installer

This document describes how to install and use the 1784-KTCX15 ControlNet™ communication interface card.

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2 ControlNet Communication Interface Card

If you are connecting the card directly to a ControlNet network, you also need to read:

- ControlNet Tap Installation Instructions, publication 1786-5.7
- ControlNet Cable Planning and Installation Manual, publication 1786-6.2.1

Important User Information

Because of the variety of uses for the products described in this publication, those responsible for the application and use of this control equipment must satisfy themselves that all necessary steps have been taken to assure that each application and use meets all performance and safety requirements, including any applicable laws, regulations, codes and standards.

The illustrations, charts, sample programs and layout examples shown in this guide are intended solely for purposes of example. Since there are many variables and requirements associated with any particular installation, Allen-Bradley does not assume responsibility or liability (to include intellectual property liability) for actual use based upon the examples shown in this publication.

Allen-Bradley publication SGI-1.1, *Safety Guidelines for the Application, Installation, and Maintenance of Solid State Control* (available from your local Allen-Bradley office), describes some important differences between solid-state equipment and electromechanical devices that should be taken into consideration when applying products such as those described in this publication.

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Throughout this document we use notes to make you aware of safety considerations:



ATTENTION: Identifies information about practices or circumstances that can lead to personal injury or death, property damage or economic loss.

Attention statements help you to:

- identify a hazard
- avoid the hazard
- recognize the consequences

Important: Identifies information that is critical for successful application and understanding of the product.

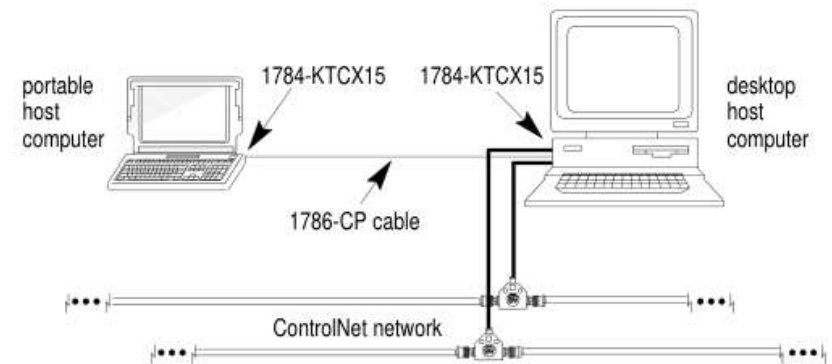
Introducing the 1784-KTCX15 Communication Interface Card

The KTCX15 Communication Interface card lets a 16-bit ISA- or 32-bit EISA-compatible computer communicate directly with other ControlNet products.

Worksheet D KTCX15 switch settings

Base I/O Address (hex)	Switch Settings	Base I/O Address (hex)	Switch Settings
200	up (1) 1 2 3 4 down (0)	300	up (1) 1 2 3 4 down (0)
<i>potential device conflict: game port</i>		<i>potential device conflict: prototype cards</i>	
220	up (1) 1 2 3 4 down (0)	320	up (1) 1 2 3 4 down (0)
factory-set default address & recommended setting		<i>potential device conflict: HDD</i>	
240	up (1) 1 2 3 4 down (0)	340	up (1) 1 2 3 4 down (0)
260	up (1) 1 2 3 4 down (0)	360	up (1) 1 2 3 4 down (0)
280	up (1) 1 2 3 4 down (0)	380	up (1) 1 2 3 4 down (0)
		<i>potential device conflict: SDLC</i>	
2A0	up (1) 1 2 3 4 down (0)	3A0	up (1) 1 2 3 4 down (0)
		<i>potential device conflict: SDLC</i>	
2C0	up (1) 1 2 3 4 down (0)	3C0	up (1) 1 2 3 4 down (0)
<i>potential device conflict: EGA</i>		<i>potential device conflict: EGA</i>	
2E0	up (1) 1 2 3 4 down (0)	3E0	up (1) 1 2 3 4 down (0)
<i>potential device conflict: GPIB</i>			

Figure 6
Connecting a portable host computer to ControlNet through a desktop host computer



Connecting the Card Directly to the ControlNet Network

To connect the card directly to a ControlNet network as shown below, follow the instructions in these publications:

- ControlNet Tap Installation Instructions, publication 1786-5.7
- ControlNet Cable Planning and Installation Manual, publication 1786-6.2.1

