DO-MORE PLC HARDWARE OVERVIEW
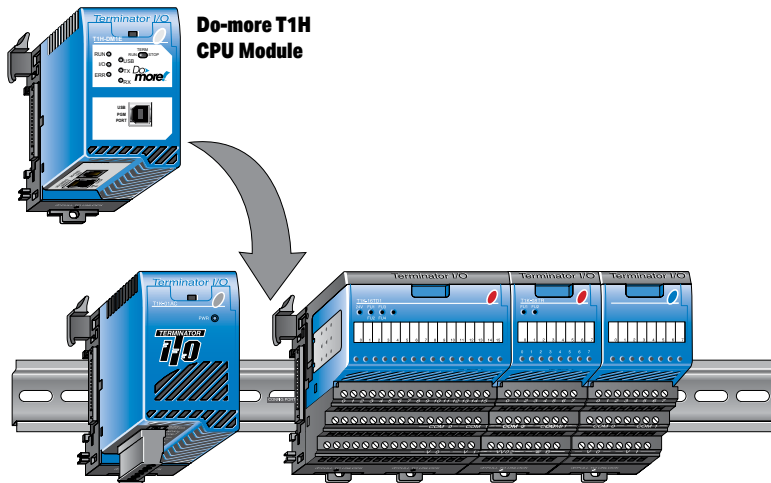
CHAPTER

2

In This Chapter:

Do-more T1H Series PLC Overview

The Do-more T1H Series PLC is the latest PLC series released as part of the Do-more PLC family. The Do-more T1H Series PLC combines the modular and space-saving package of our Terminator I/O line with the new Do-more T1H Series CPU module to create a versatile, stand-alone control system. Using Do-more Designer as a foundation, the T1H Series PLC system provides a powerful, flexible instruction set, inside a user friendly programming environment.

**Do-more T1H
CPU Module**

Terminator I/O system with Power Supply and I/O modules (Base Controller removed)

The Do-more T1H Series PLC is designed around a new control engine with a new, advanced Do-more Instruction Set for ladder programs. The new Do-more Designer software, with advanced programming and monitoring features, will be used to create your new programs.

Module Compatibility

The following table shows which Terminator I/O product line components are supported by the Do-more T1H-DM1 and T1H-DM1E CPUs.

Module Compatibility Table					
Module	**Part Number**	**Status**	**Module**	**Part Number**	**Status**
Base Units	T1K-08B	✓	**Analog I/O Modules**	T1F-08AD-1	✓
	T1K-08B-1	✓		T1F-08AD-2	✓
	T1K-16B	✓		T1F-16AD-1	✓
	T1K-16B-1	✓		T1F-16AD-2	✓
Discrete I/O Modules	T1K-08ND3	✓		T1F-16RTD	✓
	T1K-16ND3	✓		T1F-16TMST	✓
	T1K-08NA-1	✓		T1F-14THM	✓
	T1K-16NA-1	✓		T1F-08DA-1	✓
	T1K-08TD1	✓		T1F-08DA-2	✓
	T1K-16TD1	✓		T1F-16DA-1	✓
	T1K-08TD2-1	✓		T1F-16DA-2	✓
	T1K-16TD2-1	✓		T1F-8AD4DA-1	✓
	T1H-08TDS	✓		T1F-8AD4DA-2	✓
	T1K-08TA	✓	**Specialty Modules**	T1H-CTRIO	✓
	T1K-16TA	✓			
	T1K-08TAS	✓			
	T1K-08TR	✓			
	T1K-16TR	✓			
	T1K-08TRS	✓			

✓ = Supported

Communications

The Do-more T1H Series PLC supports many communication protocols. The following table shows which CPU module communications port supports each protocol.

Protocols	CPU Modules		
	T1H-DM1 / T1H-DM1E		T1H-DM1E
	USB Port	RS-232 Serial Port	Ethernet Port
Do-more Designer Programming	Yes	Yes	Yes
Modbus/RTU Client (Master)		Yes	
Modbus/RTU Server (Slave)		Yes	
Modbus/TCP Client (Master)			Yes
Modbus/TCP Server (Slave)			Yes
DirectLOGIC RX/WX Client (Master)			Yes
DirectLOGIC RX/WX Server (Slave)			Yes
K-Sequence Server (Slave)		Yes	
DirectNET Server (Slave)			
HEI Ethernet I/O Master			Yes
SMTP (EMail) Client w/Authentication			Yes
Simple Network Time Protocol (SNTP) Client			Yes
Do-more/PEERLINK			Yes
Do-more Time Synchronization Protocol (Client, Server, Alternate Client)			Yes
Do-more Logger/UDP			Yes
Serial ad-hoc ASCII/Binary Programatic Control		Yes	
UDP ad-hoc Programmatic Control			Yes
TCP Client Programmatic Control			Yes
TCP Server Programmatic Control			Yes

Blank = Not Supported