

Hitachi H-series with LINK-H I/O Driver(Direct,Called)

DRIVER TYPES

	COMM	RES	CFE	ACE
DOS	4.23-3		4.23-1	
WIN	4.23-3		4.23-1	
NT	6.00-8			
WIN2000	6.00-8			

SUPPORTED HARDWARE

Supports the HITACHI H-series.
It can communicate on the CPU port or on the COMM-H unit.

PROTOCOL

Direct Link	X
Multi-drop	
Communication Network	X (Using LINK-H module)

Baud Rate, Parity, Stop Bits, Data Bits: User Definable.
Support for 256 Device per serial link.
Up to 8 serial ports are supported through DigiBoard and RIC card.
Backup port support.

SUPPORTED MESSAGES/DATA AREAS

16h - Read occupation
40h - Monitor I/O points
45h - Set/Reset random I/O points
Can read and write areas: : X,Y,R,L,M,WX,WY,WR,WL and WM.
From v6.0-4 can read and write TC.
From v6.0-4 Called version. Get called alarms and called history

DATA TYPES

REQUIRED VENDOR SOFTWARE

To be able to get called alarms and history the PLC must contain a program that follows the alarm and history specification from Novotek.

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SIGNAL CONDITIONING

NONE	No Signal Conditioning
LIN	16 Bit Binary Scaled to EGU
SIGN	16 Bit Signed Binary Scaled to EGU
12BN	12 Bit Binary No Range Check
12AL	12 Bit Binary Range Check
15BN	15 Bit Binary No Range Check
15AL	15 Bit Binary Range Check
3BCD	3 Digit Binary Coded Decimal
4BCD	4 Digit Binary Coded Decimal

COMMUNICATIONS PERFORMANCE

2-4 messages per second = 240-480 analog points or 3840-7680 digital points per second.

MANUAL

DEMO

COMMENTS

For best performance use the COMM-H module
This driver requires a cable with RTS/CTS connected

The driver supports the RDA (Remote Digital Alarm) database block for the called alarms. This is a loadable block, that Novotek has created, that shows the remote time from the PLC in the alarm list instead of the PC time.

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