

AB EthernetIPSlave

1.AB EthernetIPSlave series wiring diagram

Crossover cable connection pin definition. Left side is HMI, Right side is PLC

使用AB Ethernet IP Slave 协议 Ethernet 方式 交叉网线	HMI接线端			PLC接线端
	1 TX+（橙白）			3 RX+（绿白）
	2 TX-（橙）			6 RX-（绿）
	3 RX+（绿白）			1 TX+（橙白）
	4 BD4+（蓝）			4 BD4+（蓝）
	5 BD4-（蓝白）			5 BD4-（蓝白）
	6 RX-（绿）			2 TX-（橙）
	7 BD3+（棕白）			7 BD3+（棕白）
	8 BD3-（棕）			8 BD3-（棕）

Straight-through cable connection pin definition. Left side is HMI, Right side is PLC

使用AB Ethernet IP Slave 协议 Ethernet 方式 直连网线	HMI接线端			PLC接线端
	1 TX+（橙白）			1 RX+（橙白）
	2 TX-（橙）			2 RX-（橙）
	3 RX+（绿白）			3 TX+（绿白）
	4 BD4+（蓝）			4 BD4+（蓝）
	5 BD4-（蓝白）			5 BD4-（蓝白）
	6 RX-（绿）			6 TX-（绿）
	7 BD3+（棕白）			7 BD3+（棕白）
	8 BD3-（棕）			8 BD3-（棕）

Word/Bit	Device type	Format	Range
B	I1	DDDD.DD	0.0-4096.15
B	O0	DDDD.DD	0.0-4096.15
B	B3	DDDD.DD	0.0-4096.15
B	B10	DDDD.DD	0.0-4096.15
B	B11	DDDD.DD	0.0-4096.15
B	B12	DDDD.DD	0.0-4096.15
B	B13	DDDD.DD	0.0-4096.15
B	Bf : n	DDDDDDD.DD	0.0-4084095.15
W	T4SV	DDD	0-255
W	T4PV	DDD	0-255
W	C5SV	DDD	0-255
W	C5PV	DDD	0-255
W	F8	DDD	0-255
W	N7	DDD	0-255
W	N10	DDD	0-255
W	N11	DDD	0-255
W	N12	DDD	0-255
W	N13	DDD	0-255
W	N14	DDD	0-255
W	N15	DDD	0-255
W	IW1	DDD	0-255
W	OW0	DDD	0-255
W	Nf : n	DDDDDD	0-255255
W	Ff : n	DDDDDD	0-255255

Note: The I/O address format is: I/O e.s/b where e is the slot number, s is the element number, and b is the bit number Example: If the address is 00 0.0/11 in the PLC, the address on the HMI should be set to 00 0.11; if 00 0.1/8, the address on the HMI should be set to 00 1.8; when different CPU types of the AB are using the input/output module, the addresses of the I and O points on the I and O point addresses on the HMI are arranged consecutively. Taking Micrologix 1400+ output module 1762-OW16 as an example, 00 1.0/3 corresponds to address 00 6.3 on the HMI.



EthernetIPSlave series HMI setting

PLC IP	PLC Port Number
192.168.0.201	44818

Note: If the parameters of the PLC are not consistent, you can also change the parameters of the HMI to be consistent with the PLC.

EthernetIPSlave series PLC setting

Channel Configuration

General

Channel 0

Channel 1

Channel 2

Driver

Ethernet

Hardware Address

00:00:BC:38:57:FF

Network Link

0

IP Address:

192 . 168 . 100 . 230

Subnet Mask:

255 . 255 . 255 . 0

Gateway Address:

192 . 168 . 100 . 1

Default Domain Name:

Primary Name Server:

0 . 0 . 0 . 0

Secondary Name Server:

0 . 0 . 0 . 0

User Provided Web Pages

Starting Data File

0

User Provided Web Pages

Number of Pages:

1

Protocol Control

☐ BOOTP Enable

☐ DHCP Enable

☒ SNMP Server Enable

☐ SMTP Client

☒ HTTP Server Enable

☒ Auto Negotiate

Msg Connection Timeout (x)

15000

Msg Reply Timeout (x 1mS):

3000

Inactivity Timeout

30

Port

10/100 Mbps Full Duplex/Half Duplex

Contact:

Location

确定

取消

应用 (A)

帮助