

KOYO DirectLogic Ethernet Module

KOYO DirectLogic series, model H0-ECOM100

<http://www.automationdirect.com>

HMI Setting:

Parameters	Recommend	Option	Notes
PLC type	KOYO ETHERNET		
Com port	Ethernet, UDP/IP		
PLC Station No.	No need to set station no.	0	
TCP/IP port	28784		

Device address:

Bit/Word	Device Type	Format	Range	Memo
B	GX	oooo	0~3777	Global I/O
B	X	oooo	0~1777	Real Word Inputs
B	SP	oooo	0~1777	Special Purpose Relays
B	GY	oooo	0-3777	More Global I/O
B	Y	oooo	0-1777	Real Word Outputs
B	C	oooo	0-3777	Control Relays
B	S	ooo	0-1777	Stage Status Bits
B	T	ooo	0-377	Timer Status Bits
B	CT	ooo	0-377	Counter Status Bits
W	V	ooooo	0-41237	V-memory
W	CMM_32	hhh	001-200	GX, X, SP
W	CCM_33	hhh	001-340	GY, Y, C, S, Y, CT, V
W	CCM_31	hhhh	1-42A0	V

EB8000 device addresses range may different with PLC extended mode, please refer EB8000 ' s addresses range as above.

ddd:Decimal, hhh:Hexadecimal, ooo:Octal

Wiring diagram:

Ethernet port

MT8000 Ethernet Wire color

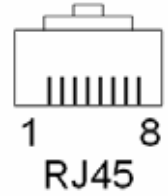
RJ45

1	TX+	White/Orange
2	TX-	Orange
3	RX+	White/Green
4	BD4+	Blue
5	BD4-	White/Blue
6	RX-	Green
7	BD3+	White/Brown
8	BD3-	Brown

Ethernet Hub or

Switch RJ45

1	RX+
2	RX-
3	TX+
4	BD4+
5	BD4-
6	TX-
7	BD3+
8	BD3-



Ethernet: Direct connect (crossover cable)

MT8000 Ethernet Wire color

RJ45

1	TX+	White/Orange
2	TX-	Orange
3	RX+	White/Green
4	BD4+	Blue
5	BD4-	White/Blue
6	RX-	Green
7	BD3+	White/Brown
8	BD3-	Brown

Modbus TCP Device

RJ45

3	RX+
6	RX-
1	TX+
4	BD4+
5	BD4-
2	TX-
7	BD3+
8	BD3-