

OMRON E5CN

OMRON E5□N, E5□Z series Temperature controller with communication option.

E5EN/CN/GN, E5EZ, E5ZN series

<http://oeiweb.omron.com>

HMI Setting:

Parameters	Recommend	Option	Notes
PLC type	OMRON E5CN		
Com port	RS485 2W		
Baud rate	9600	9600/19200/38400/57600/ 115200	
Parity bit	Even	Even, Odd, None	
Data Bits	7	7,8	
Stop Bits	2	1,2	
HMI Station No.	0		Does not apply to this protocol
PLC Station No.	1	0-99	

Online Simulator	YES	Broadcast command	NO
Extend address mode	YES		

PLC Setting:

Communication mode	9600, Even, 7, 2 (default)
--------------------	----------------------------

Device address:

Bit/Word	Device Type	Format	Range	Memo
B	Status	dd	0-31	Page40
DW	C0	hhhh	0-5	Read only (Hex) Page34
DW	C1	hhhh	0-1C	Read/Write (Hex) Page35
DW	C3	hhhh	0-1D	Read/Write (Hex) Page36
W	Operation00_00	hh	0	Communications writing OFF (disabled)
W	Operation00_01	hh	0	Communications writing ON(Enabled)
W	Operation01_00	hh	0	Run
W	Operation01_01	hh	0	Stop
W	Operation02_00	hh	0	Multi-SP Set point 0
W	Operation02_01	hh	0	Multi-SP Set point 1
W	Operation02_02	hh	0	Multi-SP Set point 2

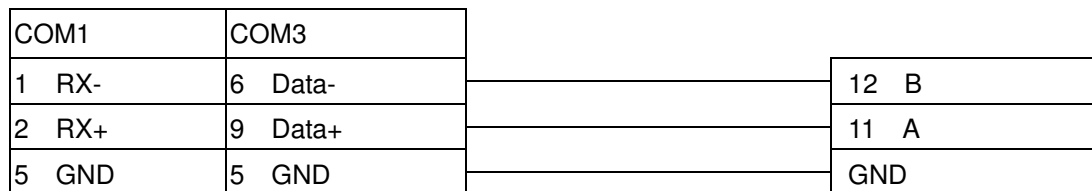
Bit/Word	Device Type	Format	Range	Memo
W	Operation02_03	hh	0	Multi-SP Set point 3
W	Operation03_00	hh	0	AT cancel
W	Operation03_01	hh	0	AT execute
W	Operation04_00	hh	0	Write mode (Backup)
W	Operation04_01	hh	0	Write mode (Ram)
W	Operation05_00	hh	0	Save RAM data
W	Operation06_00	hh	0	Software reset
W	Operation07_00	hh	0	Move to setup area 1
W	Operation08_00	hh	0	Move to protect level

Wiring diagram:

MT8000 RS-485 2Wire

OMRON E5CN

9P D-SUB



Driver Version:

Version	Date	Description of Changes
V1.21	2009/9/29	