

Control Techniques SI-Ethernet Modbus TCP/IP

Supported Series: Unidrive M400 and SI Ethernet Module

Website: <http://www.nidec.com/en-Global/>

HMI Setting:

Parameters	Recommended	Options	Notes
PLC type	Control Techniques SI-Ethernet Modbus TCP/IP		
PLC I/F	Ethernet		
Port no.	502		
Address mode	Standard	Standard / Modified	

Device Address:

Bit/Word	Device type	Format	Range	Memo
B	BIT	SSS.MM.PPP	0 ~ 255.99.999	Slot.Menu.Parameter
Byte	BYTE	SSS.MM.PPP	0 ~ 255.99.999	Slot.Menu.Parameter
W	WORD	SSS.MM.PPP	0 ~ 255.99.999	Slot.Menu.Parameter
DW	DWORD	SSS.MM.PPP	0 ~ 255.99.999	Slot.Menu.Parameter

*The standard addressing mode allows parameters up to 99 to be accessed, for any parameter above 99, the modified addressing mode must be used, however, this mode limits the highest accessible menu number to 63.

S.15.013	Modbus Register Addressing Mode			Memo
Minimum	0 (standard)	Maximum	1 (Modified)	8 Bit User Save

When using the macro GetData()/SetData() to set the double word address, you need to multiply the number of words by two

For example:

Read address 100, 101

```
short a[4]

GetData(a[0], "Control Techniques SI-Ethernet Modbus TCP/IP", DWORD, 100, 4)
```

Wiring Diagram:

Ethernet cable:

