

## Siemens S7-300/S7-400 (ISO Ethernet)

Supported Series: Siemens S7-300 Ethernet Series PLC, Ethernet module CP-343-1, CPU315-2 PN/DP, CPU317-2 PN/DP, CPU319-3 PN/DP, ET200S, CP-443-1.

Website: <http://www.siemens.com/entry/cc/en/>

### HMI Setting:

Parameters	Recommended	Options	Notes
<b>PLC type</b>	Siemens S7-300/S7-400 (ISO Ethernet)		
<b>PLC I/F</b>	Ethernet		
<b>Local TSAP</b>	100		
<b>Remote TSAP</b>	103		

<b>Online simulator</b>	No
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IP Address Settings

MAC : 08 : 00 : 06 : 95 : 7F : 72

Accessible Nodes...

Timeout (sec) : 1.0 v      Turn around delay (ms) : 0

Local TSAP (HEX) : 100      Remote TSAP (HEX) : 103

The number of resending commands : 0 v

## Device Address:

Bit/Word	Device type	Format	Range	Memo
B	I	DDDDo	0 ~ 40957	Input (I)
B	Q	DDDDo	0 ~ 40957	Output (O)
B	M	DDDDo	0 ~ 40957	Bit Memory
B	DBnBit	FFFFFFDDDDo	0 ~ 655359997	
B	DBxBit	FFFFFFDDDDDo	0 ~ 10700655327	
B	DB0Bit-DB99Bit	DDDDDo	0 ~ 655357	Data Register Bit
W	IW	DDDD	0 ~ 4095	Input (I)
W	QW	DDDD	0 ~ 4095	Output (O)
Byte	MB	DDDD	0 ~ 4095	Bit Memory Byte
W	MW	DDDD	0 ~ 4095	Bit Memory
DW	MD	DDDD	0 ~ 4094	Bit Memory Double Word
DW	MD_Anyaddr	DDDD	0 ~ 4094	Bit Memory Double Word (must be even)
Byte	DBBn	FFFFFFDDDD	0 ~ 655359999	Data Register Byte
Byte	DBBx	FFFFFFDDDD	0 ~ 1070065535	
W	DBn	FFFFFFDDDD	0 ~ 655359999	Data Register(must be even)
W	DBx	FFFFFFDDDD	0 ~ 1070065535	
DW	DBDn	FFFFFFDDDD	0 ~ 655359999	Data Register Double Word (must be even)
DW	DBDx	FFFFFFDDDD	0 ~ 1070065535	
DW	DBDn_Anyaddr	FFFFFFDDDD	0 ~ 655359999	Data Register Double Word (must be even)
W	DBn_String	FFFFFFDDDD	0 ~ 655359999	
W	DBx_String	FFFFFFDDDD	0 ~ 1070065535	
W	DBn_String1	FFFFFFDDDD	0 ~ 655359999	
W	DBx_String1	FFFFFFDDDD	0 ~ 1070065535	
DW	DBDn_String	FFFFFFDDDD	0 ~ 655359999	
DW	DBDx_String	FFFFFFDDDD	0 ~ 1070065535	
W	DB0 ~ DB99	DDDD	0 ~ 65535	Data Register(must be even)

- Double word and floating point value must use DBDn device type.

## Wiring Diagram:

### Ethernet cable:

