

Siemens LOGO (Ethernet)

Supported Series: Siemens LOGO! 0BA0, 0BA1, 0BA7, 0BA8 Website: http://www.siemens.com/entry/cc/en/

HMI Setting:

Parameters	Recommended	Options	Notes
PLC type	Siemens LOGO (Eth	nernet)	
PLC I/F	Ethernet		
Port no.	102		
PLC sta. no.	PLC sta. no. 1 1~99		
Mada		0BA7, 0BA8	
MODE	UDAT	0BA0 / 0BA1	
Local TSAP	ocal TSAP 1000		Must be greater than 1000
Remote TSAP	2100		Range:2000~2700

★ For TSAP settings please refer to PLC Setting below.

PLC Setting:

Siemens LOGO! multi connection setting requires LOGO! Soft Comfort software to set PLC to identify the connected devices. The following introduces LOGO! Soft Comfort settings.







Step 2. Right click on "Ethernet Connections" and click "Add connections" to add a connection, up to eight connections are allowed.

Module Address	areas and connections	Module Address	aress and connections
IP Address:	192.168. 1.234	IP Address:	192.168. 1.234
Subnet Mask:	255.255.255.0	Subnet Mask:	255.255.255.0
Gateway:	192.168. 1.254	Gateway:	192.168. 1.254
	200 002	Con Con Con Con Con Con Con Con Con Con	nection1 nection2 nection3 nection4 nection5 nection6 nection7 nection8
	OK Cancel 1	Ielp	OK Cancel Help

Step 3. Setting Server

- I. Double click on Connection1, then select "Server Connection".
- II. Local TSAP is system default and can't be modified. Tick "Accept all connection requests" to connect to any IP.
- III. Remote TSAP set to "10.00".
- IV. Connection 2~8 can all be set as above.

🎇 Connection1 (Server)	
 Client Connection: Requests data transfer between the local PLO Server Connection: Responds to connection requests from remotive to connection remotive to connective to conn	C and a remote PLC ote clients
-Local Properties (Server) TSAP: 20.00 Connect with an Operator Panel (OP) Accept all connection requests Only this connection:	-Remote Properties (Client) TSAP: 10.00



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 Note: The value of Local TSAP and Remote TSAP must be set oppositely in EasyBuilder
 for communication.

IP address :	192 .	168 .	1	. 234		
Port no. :	102					
Timeout (sec) :	1.0	*	Turr	n around	delay (ms) :	0
local TSAP (HEX) :	1000		R	emote 1	SAP (HEX) :	2000

Step 4. Complete settings, download connection to Siemens LOGO!

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Configure IP Address	×
192.168. 1.234	Select
	OK Cancel

Device Address:

Bit/Word	Device type	Format	Range	Memo
В	Ι	DD	1~64	Read Only
В	Q	DD	1~64	
В	М	DD	1~112	
В	NI	DDD	1~128	
В	NQ	DDD	1~128	
В	V	DDDDo	0~14697	VW_Bit
W	AI	D	1~16	
W	AQ	D	1~16	
W	AM	DD	1~64	
W	NAI	DD	1~64	

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Bit/Word	Device type	Format	Range	Memo
W	NAQ	DD	1~32	
W	VW	DDDD	0~1468	See Table 1&2 Address Mapping
DW	VD	DDDD	0~1466	
Byte	VB	DDDD	0~1466	
W	RTC	D	1~7	

Table 1 Address Mapping (LOGO! 0BA7)

I	vw	Q	vw	М	vw	AI	vw	AQ	vw	AM	vw
11	V923.0	Q1	V942.0	M1	V948.0	Al1	VW926	AQ1	VW944	AM1	VW952
12	V923.1	Q2	V942.1	M2	V948.1	Al2	VW928	AQ2	VW946	AM2	VW954
13	V923.2	Q3	V942.2	M3	V948.2	AI3	VW930			AM3	VW956
14	V923.3	Q4	V942.3	M4	V948.3	Al4	VW932			AM4	VW958
15	V923.4	Q5	V942.4	M5	V948.4	AI5	VW934			AM5	VW960
16	V923.5	Q6	V942.5	M6	V948.5	Al6	VW936			AM6	VW962
17	V923.6	Q7	V942.6	M7	V948.6	AI7	VW938			AM7	VW964
18	V923.7	Q8	V942.7	M8	V948.7	Al8	VW940			AM8	VW966
19	V924.0	Q9	V943.0	M9	V949.0					AM9	VW968
I10	V924.1	Q10	V943.1	M10	V949.1					AM10	VW970
111	V924.2	Q11	V943.2	M11	V949.2					AM11	VW972
l12	V924.3	Q12	V943.3	M12	V949.3					AM12	VW974
I13	V924.4	Q13	V943.4	M13	V949.4					AM13	VW976
I14	V924.5	Q14	V943.5	M14	V949.5					AM14	VW978
l15	V924.6	Q15	V943.6	M15	V949.6					AM15	VW980
I16	V924.7	Q16	V943.7	M16	V949.7					AM16	VW982
117	V925.0			M17	V950.0						
l18	V925.1			M18	V950.1						
119	V925.2			M19	V950.2						
120	V925.3			M20	V950.3						
121	V925.4			M21	V950.4						
122	V925.5			M22	V950.5						
123	V925.6			M23	V950.6						
124	V925.7			M24	V950.7						
				M25	V951.0						
				M26	V951.1						
				M27	V951.2						



Table 2 Address Mapping (LOGO! 0BA0,OBA8)								
Device Type	Device Type VM (From) VM (To)							
I	1024	1031	8 Bytes					
AI	1032	1063	32 Bytes					
Q	1064	1071	8 Bytes					
AQ	1072	1103	32 Bytes					
М	1104	1117	14 Bytes					
AM	1118	1245	128 Bytes					
NI	1246	1261	16 Bytes					
NAI	1262	1389	128 Bytes					
NQ	1390	1405	16 Bytes					
NAQ	1406	1469	64 Bytes					

Wiring Diagram:

