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Built-In Ethernet

Ethernet-Module QJ71E71

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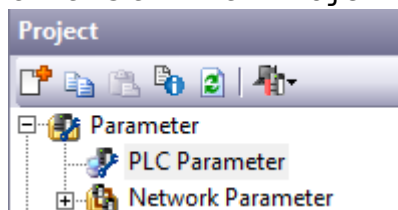
Melsec-SPS-Einstellungen

Wir verwenden das MC Protokoll für die Verbindung zur SPS. Dieses muss in der Entwicklungssoftware aktiviert werden.

Folgende Möglichkeiten gibt es:

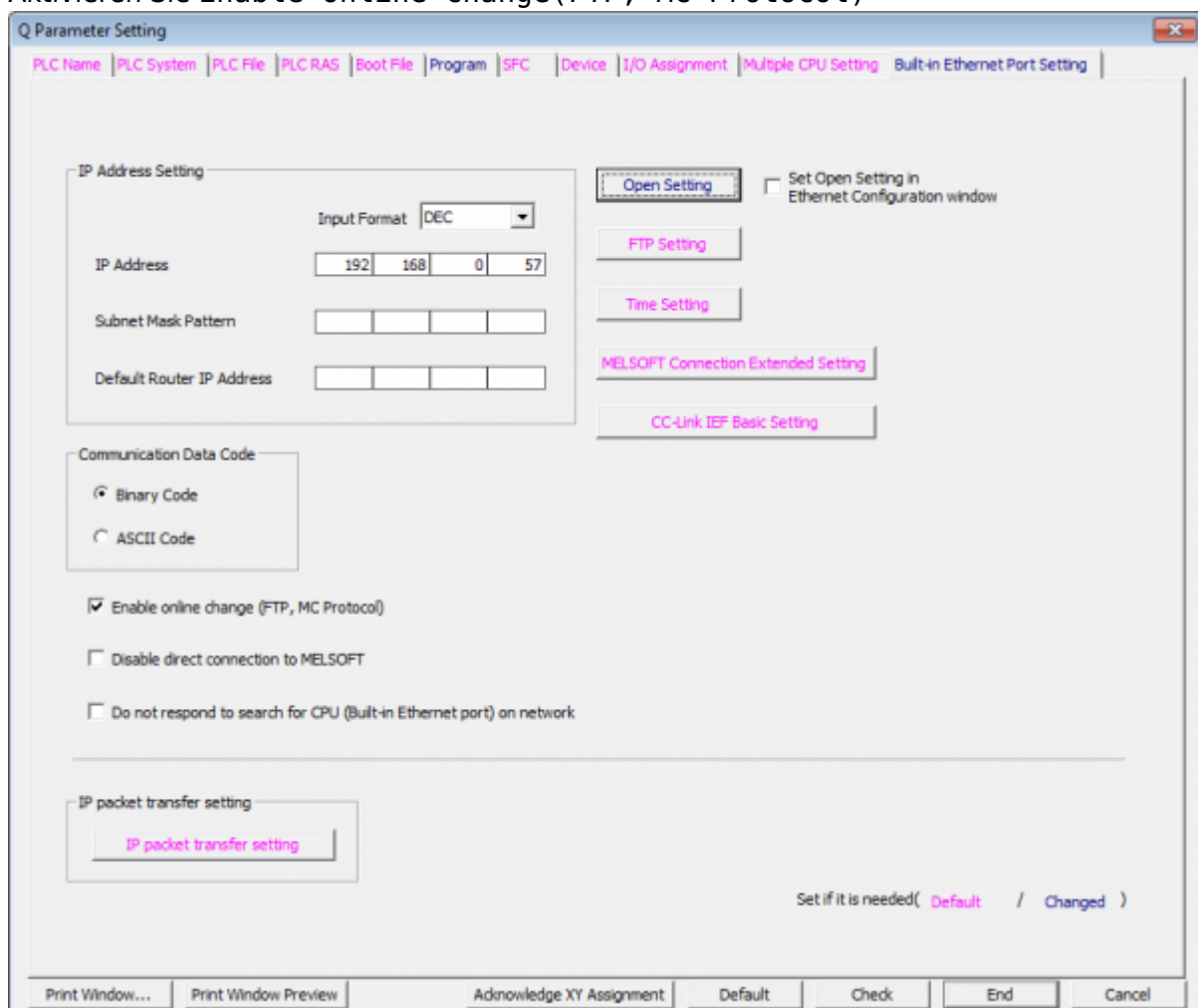
Built-In Ethernet

Öffnen Sie in Ihrem Projekt bei Parameter die SPS-Einstellungen



Im Reiter Built-In Ethernet Port Setting

- Stellen Sie die gewünschte IP-Adresse ein, z.B. 192.168.0.57
- Aktivieren Sie Enable online change(FTP, MC Protocol)



- Klicken Sie anschließend auf **Open Setting**
- Im geöffneten Built-In Ethernet Port Open Setting wählen Sie eine Verbindung aus

und

- Ändern diese auf MC Protocol
- Port eintragen z.B. 5100

	Protocol	Open System	TCP Connection	Host Station Port No.	Destination IP Address	Destination Port No.	Start Device to Store Predefined Protocol Operation Status
1	UDP	MELSOFT Connection					
2	TCP	MELSOFT Connection					
3	TCP	MELSOFT Connection					
4	TCP	MC Protocol		5100			
5	TCP	MC Protocol					
6	TCP	MELSOFT Connection					
7	TCP	Socket Communication					
8	TCP	Predefined Protocol					
9	TCP	MELSOFT Connection					
10	TCP	MELSOFT Connection					
11	TCP	MELSOFT Connection					
12	TCP	MELSOFT Connection					
13	TCP	MELSOFT Connection					
14	TCP	MELSOFT Connection					
15	TCP	MELSOFT Connection					
16	TCP	MELSOFT Connection					

(*) IP Address and Port No. will be displayed by the selected format.
Please enter the value according to the selected number.

End Cancel

Hier können Sie das Handbuch für [MITSUBISHI_QnUCPU-User's-Manual-Communication-via-Built-in-Ethernet-Port](#) herunterladen.

Im Kapitel 3 finden Sie die Beschreibung für die Connection.

Ethernet-Module QJ71E71

In jedem Fall sind diese Einstellungen vorzunehmen:

Set network configuration setting in CC IE Field configuration window

	Module 1	Module 2	Module 3
Network Type	Ethernet	None	None
Start I/O No.	0010		
Network No.	1		
Total Stations			
Group No.	0		
Station No.	1		
Mode	Online		

Operation Setting
Initial Setting
Open Setting
Router Ready Parameter
Station No. <-> IP Information
FTP Parameters
E-mail Setting
Interrupt Settings

Necessary Setting(No Setting / Already Set) Set if it is needed

Interlink Transmission Parameters Start I/O No. :

Ethernet Operation Setting

Communication Data Code
☒ Binary Code
☐ ASCII Code

Initial Timing
☐ Do not wait for OPEN (Communications impossible at STOP time)
☒ Always wait for OPEN (Communication possible at STOP time)

IP Address Setting
Input Format: DEC
IP Address: 192 0 1 254

Send Frame Setting
☒ Ethernet(V2.0)
☐ IEEE802.3

☒ Enable Online Change

TCP Existence Confirmation Setting
☒ Use the KeepAlive
☐ Use the Ping

End Cancel

Bei dem QJ71E71 Ethernet Modul gibt zwei Möglichkeiten das MC Protokoll zu verwenden:

1. QJ71E71_MC Protokoll mit Standard-Port 5001

Wenn auf dem Modul nichts eingestellt ist, wird über den Standard Port 5001 kommuniziert

	Protocol	Open System	Fixed Buffer	Fixed Buffer Communication	Pairing Open	Existence Confirmation	Host Station Port No.	Destination IP Address	Destination Port No.
1	MC	Unpassive	Send	Procedure Exist	Disable	No Confirm	5001		
2	MC	Unpassive	Send	Procedure Exist	Disable	No Confirm	5001		
3	MC	Unpassive	Send	Procedure Exist	Disable	No Confirm	5001		
4	MC	Unpassive	Send	Procedure Exist	Disable	No Confirm	5001		
5	MC	Unpassive	Send	Procedure Exist	Disable	No Confirm	5001		
6	MC	Unpassive	Send	Procedure Exist	Disable	No Confirm	5001		
7	MC	Unpassive	Send	Procedure Exist	Disable	No Confirm	5001		
8	MC	Unpassive	Send	Procedure Exist	Disable	No Confirm	5001		
9	MC	Unpassive	Send	Procedure Exist	Disable	No Confirm	5001		
10	MC	Unpassive	Send	Procedure Exist	Disable	No Confirm	5001		
11	MC	Unpassive	Send	Procedure Exist	Disable	No Confirm	5001		
12	MC	Unpassive	Send	Procedure Exist	Disable	No Confirm	5001		
13	MC	Unpassive	Send	Procedure Exist	Disable	No Confirm	5001		
14	MC	Unpassive	Send	Procedure Exist	Disable	No Confirm	5001		
15	MC	Unpassive	Send	Procedure Exist	Disable	No Confirm	5001		
16	MC	Unpassive	Send	Procedure Exist	Disable	No Confirm	5001		

2. QJ71E71_MC Protokoll mit Port

Wenn TCP mit Port beliebig (z.B 1280) verwendet werden soll, dann diese Einstellung für das MC Protokoll vornehmen

	Protocol	Open System	Fixed Buffer	Fixed Buffer Communication	Pairing Open	Existence Confirmation	Host Station Port No.	Destination IP Address	Destination Port No.
1	TCP	Unpassive	Send	Procedure Exist	Disable	No Confirm	1280		
2	TCP	Unpassive	Send	Procedure Exist	Disable	No Confirm	1280		
3	TCP	Unpassive	Send	Procedure Exist	Disable	No Confirm	1280		
4	TCP	Unpassive	Send	Procedure Exist	Disable	No Confirm	1280		
5	TCP	Unpassive	Send	Procedure Exist	Disable	No Confirm	1280		
6	TCP	Unpassive	Send	Procedure Exist	Disable	No Confirm	1280		
7	TCP	Unpassive	Send	Procedure Exist	Disable	No Confirm	1280		
8	TCP	Unpassive	Send	Procedure Exist	Disable	No Confirm	1280		
9	TCP	Unpassive	Send	Procedure Exist	Disable	No Confirm	1280		
10	TCP	Unpassive	Send	Procedure Exist	Disable	No Confirm	1280		
11	TCP	Unpassive	Send	Procedure Exist	Disable	No Confirm	1280		
12	TCP	Unpassive	Send	Procedure Exist	Disable	No Confirm	1280		
13	TCP	Unpassive	Send	Procedure Exist	Disable	No Confirm	1280		
14	TCP	Unpassive	Send	Procedure Exist	Disable	No Confirm	1280		
15	TCP	Unpassive	Send	Procedure Exist	Disable	No Confirm	1280		
16	TCP	Unpassive	Send	Procedure Exist	Disable	No Confirm	1280		

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