

SIEMENS

SIMATIC

Product Information

A5E00109855

Edition 11/2001

STEP 5-CP5x11 as L2 Interface

Quick Reference Guide

Contents

1 General 3
2 Setup with Set PG-PC Interface 3
3 Limitations 8
4 Cable 8

Copyright © Siemens AG 2001 All rights reserved

The reproduction, transmission or use of this document or its contents is not permitted without express written authority. Offenders will be liable for damages. All rights, including rights created by patent grant or registration of a utility model or design, are reserved.

Siemens AG
Bereich Automatisierungs- und Antriebstechnik
Geschaeftsgebiet Industrie-Automatisierungssysteme
Oestliche Rheinbrueckenstr. 50 D - 76181 Karlsruhe
Siemens Aktiengesellschaft

Disclaimer of Liability

We have checked the contents of this document for agreement with the hardware and software described. Since deviations cannot be precluded entirely, we cannot guarantee full agreement. However, the data in this document are reviewed regularly and any necessary corrections included in subsequent editions. Suggestions for improvement are welcomed.

Technical data subject to change
A5E00109855
Printed in the Federal Republic of Germany



1 General


This description is designed to help you to use the module CP5611, PCMCIA card CP5511, and the SIMATIC PG integrated onboard interface (CP5611 or MPI ISA) as L2 interface for STEP 5.

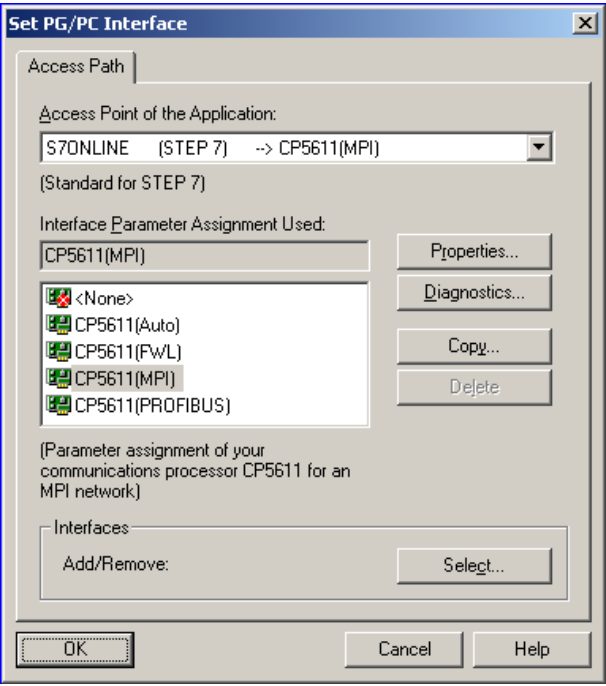
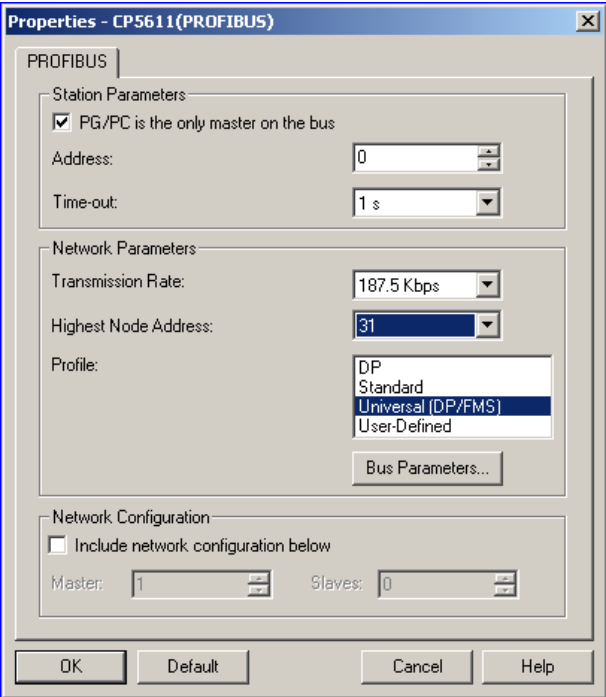
Prerequisites:

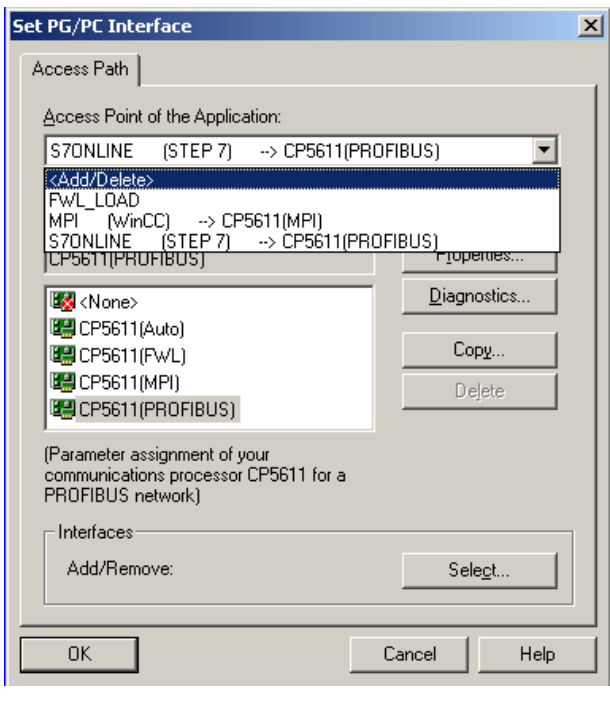
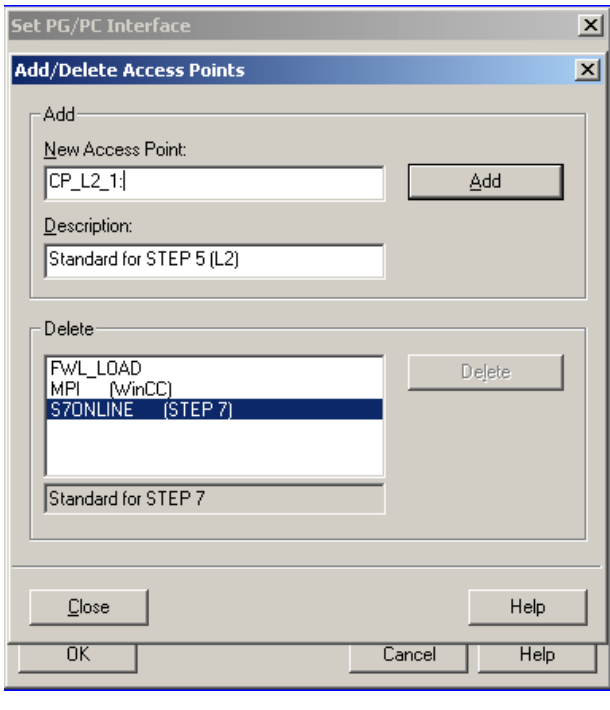
- STEP 5 V7.1x or higher
- Windows NT 4.0, Windows 2000 or Windows XP
- SIMATIC NET or MPI/DP for L2 functions

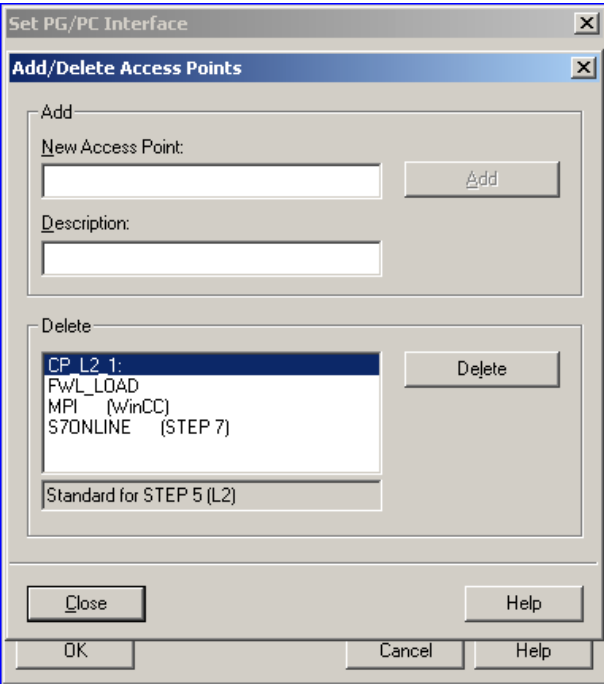
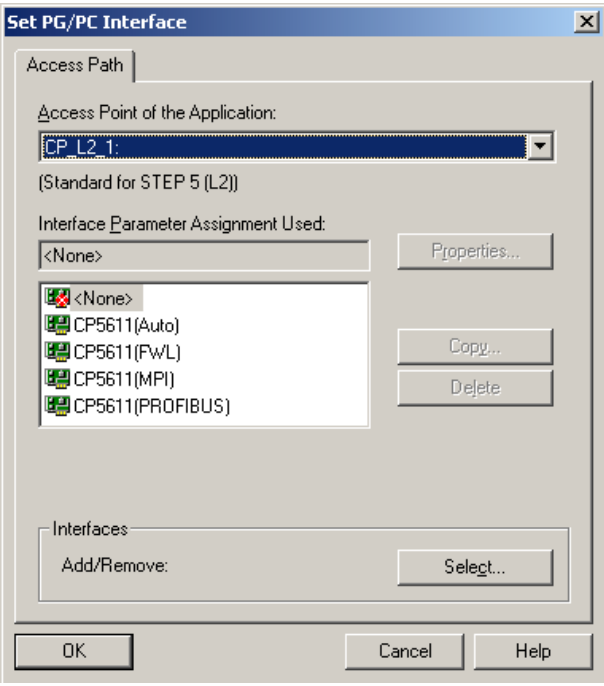
2 Setup with Set PG-PC Interface

This description uses CP5611 as an example.

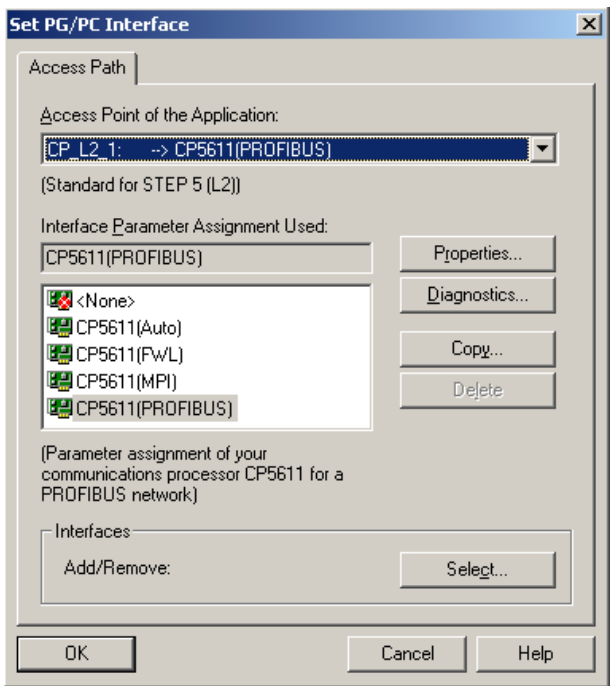
1	 Set PG-PC Interface	Wählen Sie in der Systemsteuerung die Option „PG/PC Schnittstelle einstellen“ aus.
---	--	--

2		<p>Als Interface CP5611 (PROFIBUS) einstellen. Klicken Sie dazu auf den Eintrag CP5611 (PROFIBUS).</p> <p>Danach klicken Sie auf Eigenschaften.</p>
3		<p>Aktivieren Sie Punkt: PG/PC ist einziger Master am Bus .</p> <p>Notwendige Einstellung: 187.5 kbit/s</p> <p>Universell (DP/FMS)</p> <p>Klicken Sie auf OK.</p>

4		<p>Im Menue „Zugangspunkt der Applikation“ wählen Sie „Hinzufügen/Löschen“ um den Zugangspunkt „CP_L2_1:“ einzurichten.</p> <p>Wenn der Zugangspunkt CP_L2_1: bereits existiert, entfällt dieser Punkt. (Punkte 4,5)</p>
5		<p>Tragen Sie hier den Zugangspunkt „CP_L2_1:“ ein</p> <p>Tragen Sie hier „Standard für STEP 5 (L2)“ als Beschreibung ein.</p> <p>Klicken Sie dann auf „Hinzufügen“</p>

6		<p>Jetzt sollte es so aussehen.</p> <p>Klicken Sie auf „Schliessen“</p>
7		<p>Stellen Sie hier den Zugangspunkt CP_L2_1: ein.</p> <p>Klicken Sie auf den Eintrag CP5611 (PROFIBUS)</p>

8



Set PG/PC Interface

Access Path

Access Point of the Application:
CP_L2_1: --> CP5611(PROFIBUS)

(Standard for STEP 5 (L2))

Interface Parameter Assignment Used:
CP5611(PROFIBUS)

<None>
CP5611(Auto)
CP5611(FwL)
CP5611(MPI)
CP5611(PROFIBUS)

(Parameter assignment of your communications processor CP5611 for a PROFIBUS network)

Interfaced:
Add/Remove: Select...

OK Cancel Help

Properties...
Diagnostics...
Copy...
Delete

Wenn es jetzt so aussieht, dann kann STEP 5 über die MPI/DP auf eine L2-Schnittstelle zugreifen.

Klicken Sie auf OK

3 Limitations

Communication is only possible with a CP5430-A2 or CP5431.

Communication with AG 95 with help of this connection path is not possible at this time.

This functionality is only available on Windows NT systems.

Windows NT4.0, Windows 2000 and Windows XP can be used.

No L2 functions via MPI/DP are possible under Windows 95, 98, 98SE and Windows ME.

4 Cable

An L2 cable can be used as a connection cable, which, for example, is used for the connection with the CP5412.