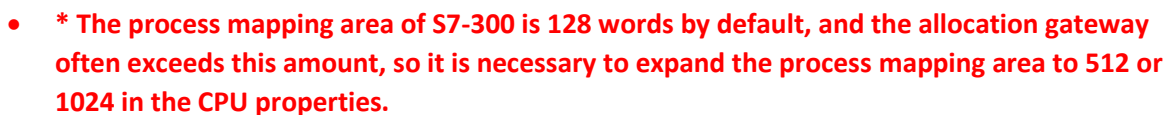


ODOT-DPM01

ODOT Modbus to profibus converter with Siemens PLC (S7-300)(simatic manager)

The screenshot displays the SIMATIC Manager interface for configuring a Siemens S7-300 PLC system. The main window shows the hardware configuration tree on the left, including the CPU 315-2 PN/DP and the ODOT-DPM01 V3.6 module. The ODOT-DPM01 module is connected to the Profibus network. A 'Properties - DP slave' dialog box is open, showing the configuration for the ODOT-DPM01 V3.6 module. The dialog box includes fields for Order number, Family, DP slave type, Designation, Address, Diagnostic address, and SYNC/FREEZE capabilities. The 'Node/Master System' is set to 'PROFIBUS' and 'DP master system (1)'. The 'Watchdog' checkbox is checked. The background shows the hardware configuration table with the following data:

Slot	DP ID	Order Number / Designation	I Address	Q Address	Comment
1	BA1	M. Read 8 Words (Modbus)	256	271	
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
31					
32					
33					
34					
35					



the 4 of 40001 which refers to area 4.

The second is that the process mapping area of S7-300 is 128 words by default, and the allocation gateway often exceeds this amount, so it is necessary to expand the process mapping area to 512 or 1024 in the CPU properties.

- **Below is the chat were we getting support for ODOT**

[4:12 PM, 7/26/2022] Odot Automation Raphel: Not resolved?

[4:12 PM, 7/26/2022] Odot Automation Raphel: The configuration we checked is no problem now.

[4:12 PM, 7/26/2022] BluBoxx Tech Support: i am online

[4:13 PM, 7/26/2022] Odot Automation Raphel: Still any issue?

[4:13 PM, 7/26/2022] BluBoxx Tech Support: so why the valu not show in programming software

[4:13 PM, 7/26/2022] BluBoxx Tech Support: value

[4:14 PM, 7/26/2022] Odot Automation Raphel: Ok pls wait we need to set the process mapping data

[4:22 PM, 7/26/2022] Odot Automation Raphel: We have completed the mapping data configuration.

[4:23 PM, 7/26/2022] Odot Automation Raphel: Please download the configuration on your PLC

[4:25 PM, 7/26/2022] BluBoxx Tech Support: pl share the how to mapping data configuration

[4:26 PM, 7/26/2022] Odot Automation Raphel: My engineer has already configured for you

[4:26 PM, 7/26/2022] BluBoxx Tech Support: sir its only for the demo sir

[4:27 PM, 7/26/2022] BluBoxx Tech Support: we dont now how to mapping data configuration

[4:28 PM, 7/26/2022] Odot Automation Raphel: You download our configuration into the PLC and save it.

[4:28 PM, 7/26/2022] Odot Automation Raphel: I will ask our engineer to check for you tomorrow

[4:28 PM, 7/26/2022] BluBoxx Tech Support: we have 10 to 20 sevral other device

[4:29 PM, 7/26/2022] Odot Automation Raphel: But you only have 1pc of DPM01

[4:30 PM, 7/26/2022] Odot Automation Raphel: Pls test if now the demo test is ok today.

[4:30 PM, 7/26/2022] Odot Automation Raphel: If it is ok and tomorrow I will ask our engineer to give me details for how to configure the mapping

[4:31 PM, 7/26/2022] BluBoxx Tech Support: can u pl repet the process the mapping data so i can be take a video of it

[4:32 PM, 7/26/2022] Odot Automation Raphael: Ok we can do it tomorrow. When you are available tomorrow? We will could connect you again.

[4:47 PM, 7/26/2022] BluBoxx Tech Support: hello sir i am at customer site now

[4:48 PM, 7/26/2022] BluBoxx Tech Support: kindly tell about how to mapping data configuration for the same

[4:49 PM, 7/26/2022] BluBoxx Tech Support: at our office we dont have pLC and programing softwre

[4:51 PM, 7/26/2022] Odot Automation Raphael: My engineer is not in the office now. But I will try to translation the process of configuration and send to you.

[4:51 PM, 7/26/2022] BluBoxx Tech Support: Ok sir thanks

[5:58 PM, 7/26/2022] Odot Automation Raphael: There are two problems with your setup today. The first is that the command start address should start at 0 instead of 40001.

the 4 of 40001 which refers to area 4.

The second is that the process mapping area of S7-300 is 128 words by default, and the allocation gateway often exceeds this amount, so it is necessary to expand the process mapping area to 512 or 1024 in the CPU properties.

[12:38 PM, 7/27/2022] BluBoxx Tech Support: we have a temperature sensor these values start from 30001 it is an input registry so which register should we use to get the proper value,

[12:39 PM, 7/27/2022] Odot Automation Raphael: My engineer suggested for function code 4 and start to read from 0

[12:46 PM, 7/27/2022] BluBoxx Tech Support: we are a little bit confused about why there set 0 value instead of 40001, we have many types of Modbus devices here, so that can be set parameters as per registers so we just want just clarify about we have 10 Modbus devices here and how those devices are configure and set parameters in the programming soft

[1:44 PM, 7/27/2022] Odot Automation Raphael: 40001 is for area 4 not the value

[1:45 PM, 7/27/2022] Odot Automation Raphael: We set it as 40001 to 40010 which address is from 0 to 9. It is two different description for mapping

[2:26 PM, 7/27/2022] BluBoxx Tech Support: ok

[2:28 PM, 7/27/2022] BluBoxx Tech Support: if i want map the input register (start form 30001) what i need to configure in parameter to get values

[2:30 PM, 7/27/2022] BluBoxx Tech Support: we have other device were we need to set a proper register number to get value

[3:30 PM, 7/27/2022] BluBoxx Tech Support: 1. COIL STATUS , 2. INPUT STATUS, 3. HOLDING REGISTER, 4. INPUT REGISTER

[3:32 PM, 7/27/2022] BluBoxx Tech Support: pl provide which parameter is use to get the correct value for this registry

[3:56 PM, 7/27/2022] Odot Automation Raphael: I will check with my engineer and reply you tomorrow thanks

[4:12 PM, 7/27/2022] BluBoxx Tech Support: ok

[4:12 PM, 7/27/2022] Odot Automation Raphael: Thanks I will reply you tomorrow.

[4:12 PM, 7/27/2022] BluBoxx Tech Support: ok sir thank

[12:25 PM, 7/28/2022] Odot Automation Raphael: Good afternoon. For 30001, it means 1st number in area 3, so you need use 0 as the start address.

[12:26 PM, 7/28/2022] Odot Automation Raphael: It needs to read area 3 with the start address of 0

[12:26 PM, 7/28/2022] Odot Automation Raphael: And please select 4. Input Register

[5:05 PM, 7/28/2022] BluBoxx Tech Support: hello sir one of our client has a question about there is two converter show on the website ODOT-DPM01 and ODOT-DPM-02 in the user manual so they just want know what is the difference in between pl clarify about that

[5:09 PM, 7/28/2022] Odot Automation Raphael: Just for ODOT-DPM01 is correct, they are the same, just listed on the manual, we only have ODOT-DPM01 now.