



solar stronger together

Project: User webpage PLC serie: 1200 6ES7212-1BD30-0XA0 PLC type:

www.solarnederland.info









De HTML pagina;

Maak met behulp van een HTML editor een pagina aan, en let hier bij op de groen gearceerde regels in de onderstaande tekst Deze regels zijn specifiek voor de user webpage.

<!-- AWP\_In\_Variable Name='"setpoint"' Use='"plcsp'</p> declaratie van variabele :-- AWP\_In\_Variable Name='"setvalue"' Use='"plcsv"'--> ,, ,, ,, <!-- AWP\_In\_Variable Name='"motorrpm"' Use='"plcrpm' ,, ,, •• <!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.0 Transitional//EN"> <meta name="GENERATOR" content="MSHTML 8.00.6001.19120"> <meta content="text/html; charset=utf-8" http-equiv="Content-Type" charset is utf-8 <meta content="10" http-equiv="Refresh"> refresh rate naar 10sec <html> <head><title>Solar\_Webpage\_Demo</title></head> <body bgcolor="#fffffff"> <a href="http://www.solarnederland.info">www.solarnederland.info</a> <img border="0" hspace="0" src="logo.gif" width="322" height="63"> <table border="0" cellspacing="0" cellpadding="3" width="100%" background=schema2.jpg align=center> Setpoint = :="setpoint": invoegen van variable Setvalue = :="setvalue": ,, ,, ,, <form method="post"> <input value=':="setpoint":' type="text" name='"setpoint" size="5"> invoegen van variabele </form>&nbsp; <form method="post"> <input value=':="setvalue":' type="text" name="setvalue" size="5"> invoegen van variabele </form>&nbsp; 





 RPM = :="motorrpm": </ P>&nbsp; </body></html>

invoegen van variabele

## Noot;

Let vooral op de aanhalingstekens, er worden enkel en dubbele gebruikt bij het HTML-input veld. Deze zijn van belang voor de correcte werking van de pagina.



De pagina mag in een willekeurig mapje staan.

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	Solar_Webpage_Demo.htm	4 KB	HTML Document	10-17-2012 10:42 AM		

Het koppelen van de pagina aan het Step7 project;

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		Cycle User-defined Web pages 6	1
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		Files with dynamic content _htm;.html;.js	Order no :
		9 Web DB number: 333	
		Fragment DB start number: 334	Version:
			Description:
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- 1. Open de device configuration door te dubbelklikken.
- 2. Open het tabblad "properties"
- 3. Ga naar de optie "web server"
- 4. Zet het vinkje om de web server te activeren
- 5. Zet het vinkje om de pagina automatisch om de 10 seconde te laten verversen.
- 6. Selecteer m.b.v. de button de map waarin de pagina staat.
- 7. Selecteer m.b.v. de button de html-pagina.
- 8. Geef de application naam op.
- 9. Genereer de data blokken !

Noteer het rood omkaderde "web db number" ! De default is 333.

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External source files	/				Move operations	-
PLC tags	/			~	▶ 😽 Conversion operations	bra
Ce PLC data types				100% •	▶ 🔐 Program control operatio	Irie
Watch and force tables	Main (OB1)		Propert	er 1 Info 3 9 Diagnostics	Word logic operations	~
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SIMATIC Card Reader	Attributes	Type:	OB			
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Portal view 🖾 Overview 🚠 PLC_1	- Main (OB1)				Y Project demo1200webpage opened.	

- 1. open OB1
- 2. sleep het www blok naar een netwerk in OB1
- 3. koppel aan de CTRL\_DB het "web db number"
- 4. koppel een tag aan de uitgang om de foutmelding in weg te schrijven.



## Het simulatie blokje;

Siemens - demotizouwebpage	Koden Hale	_ • *	
Froject Edit View Insert Unline Options Tools I	Totally Integrated Automation		
Project tree	demo1200webpage → PLC_1 [CPU 1212C AC/DC/Rty] → Program blocks → simulation [FB1]	Instructions 🖉 🗈 🕨	
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Device configuration		8	
Solution Continue & diagnostics	16 Core Nor North Amer.	5	
<ul> <li>Brogram blocks</li> </ul>	1 #sv:="plcsv";	-	
Add new block	2 #sp:="plcsp";		
Alin [OB1]	3 DIF ("plcsp">0) AND ("plcsv">0) THEN	✓ Basic instructions	
simulation (FB1)	4 // Statement section IF	Name Description	
simulation_DB [DB3]	S 🖨 IF "plcsp">"plcsv" THEN	Timer operations	
System blocks	6 // calculate speed	▶ +1 Counter operations =	
Technology objects	7 "MyReal":=(1-(#sv(#sp))*1500;	🕨 🔝 Math functions	
<ul> <li>External source files</li> </ul>	S I IF "Hyperial">1500 Inten	Move operations	
PLC tags	7/11 specific and an and a second second specific and a second	🕨 🏣 Conversion operations	
PLC data types	11 END FF:	🕨 🖬 Program control operatio 🔍 😨	
Watch and force tables	12 "plcrpm":=REAL TO INT("HyReal");	< II >	
Program info	13 END_IF;	✓ Extended instructions	
Text lists	14 IF "plcsp"="plcsv" THEN	Name Description	
Local modules	15 // process is balanced, speed is low at 100 rpm	Date and time-of-day	
Common data	16 "plcrpm":=100;	String + Char	
Documentation settings	17 ERD_IF;	Distributed I/O	
Languages & resources	10 H TPICEP < pices vitage grand to 0	Interrupts	
Online access	20 "nleven":eli	Diagnostics	
SIMATIC Card Reader	21 END IF:	🕨 🎦 Pulse 🗸 🗸	
	22	< II >	
	23 EKD_IF;	✓ Technology	
	24 PIF "Tag_1" THEN	Name Description	
	25 // Manual speed 1000 rpa	Counting	
✓ Details view	26 "plcrpn":=1000;	PID Control	
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<ul> <li>Portal view</li> <li>Overview</li> <li>PLC_1</li> </ul>	The Main (OB1) The Simulation (F	< Project demo1200webpage opened.	

Hier kunt u natuurlijk uw eigen programma voor gebruiken.

Klik in de project tree op de plc, in bovenstaand voorbeeld de "PLC\_1 (CPU 1212 AC/DC/RLY)" En laat vervolgens het project compileren, en download het project naar de plc.