

# Function Block



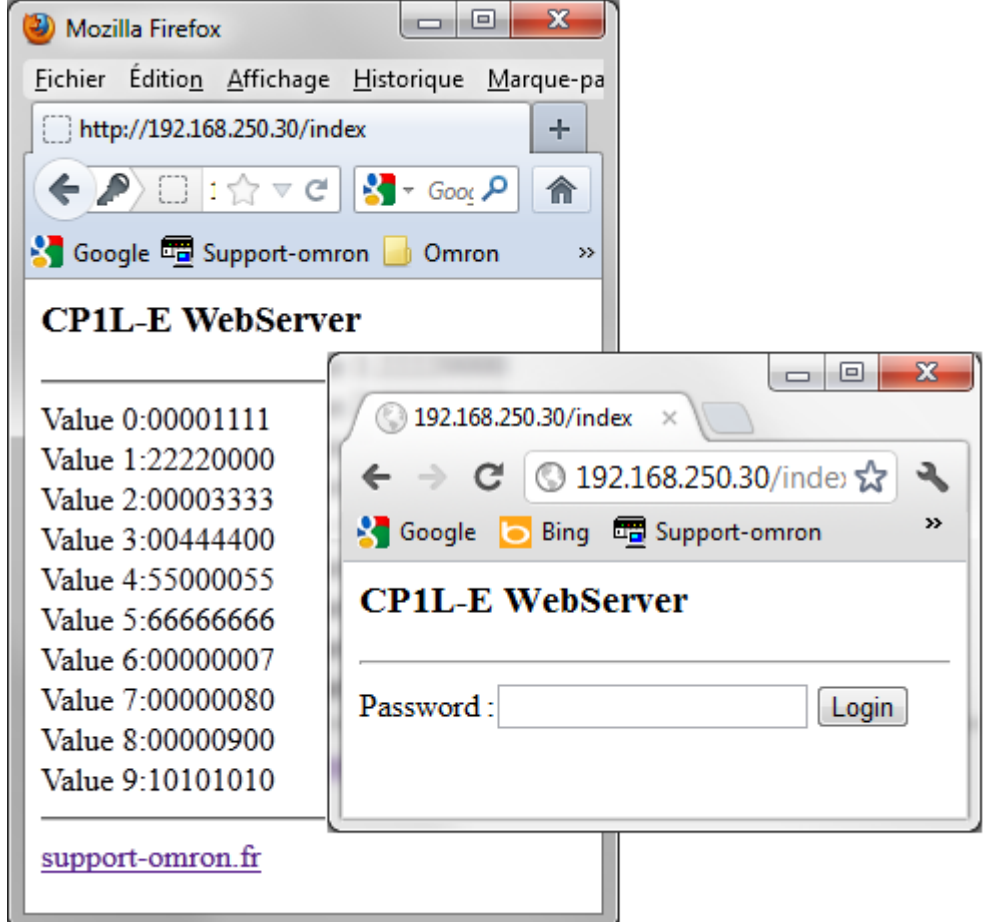
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Reference	WebServer_CP1L
Revision	1.0
Author	JP Viskovic
Date	25/06/2012
+ Support	<a href="http://support-omron.fr/">http://support-omron.fr/</a>

## WebServer for CP1L with Ethernet built-in

Function	Display user data on Web browser																		
File	<a href="#">WebServer_CP1L.cxf</a>																		
Available PLC	CP1L-EL, CP1L-EM																		
Conditions of use	The data contening html code <a href="#">WebServer_CP1L Mem</a> should be transferred in the DM memory area																		
Restrictions of use	The function bloc WebServer_CP1L use socket TCP n°1																		
Symbol	<p>The diagram shows the following connections:</p> <ul style="list-style-type: none"> <li><b>Inputs:</b> P_On (Always ON Flag), CF113 (Normally Open Contact).</li> <li><b>Outputs:</b> ENO (BOOL), Server_Listen (W10.00), Client_Connected (W10.01), Server_Error (W10.02), Server_Err_Code (W11), Cable_Disconnector (W10.03), D50, Logged (W10.12).</li> <li><b>Internal Variables:</b> Check_Pasword (BOOL), Connected (BOOL), Login_Delay (&amp;120, UINT), Logout (W10.11, BOOL), Error_Code (INT), Eth_Link_default (BOOL), Visits (UINT).</li> </ul>																		
Principe	<p>Data memory allocation</p> <table border="1"> <tr> <td>D9600 D9999</td> <td>Reception area for html code browser request</td> </tr> <tr> <td>D32000 D32169</td> <td>html code for user data visualization. Labels Value 1, Value 2, etc ..., could be modify but should have a length of 6 bytes.</td> </tr> <tr> <td>D32170 D32172 : D32188</td> <td>Value 1 Value 2 : Value 10</td> </tr> <tr> <td colspan="2">User value to be displayed</td> </tr> <tr> <td>D32200 D32399</td> <td>Reserved Modbus-RTU Easy Master function</td> </tr> <tr> <td>D32400 D32447</td> <td>Parameter area for Ethernet socket</td> </tr> <tr> <td>D32500 D32626</td> <td>html code of passwored input page</td> </tr> <tr> <td>D32630 D32668</td> <td>Html code of ERROR page</td> </tr> <tr> <td>D32670 D32674</td> <td>8 characters Password strictly. These 8 bytes should be filled</td> </tr> </table>	D9600 D9999	Reception area for html code browser request	D32000 D32169	html code for user data visualization. Labels Value 1, Value 2, etc ..., could be modify but should have a length of 6 bytes.	D32170 D32172 : D32188	Value 1 Value 2 : Value 10	User value to be displayed		D32200 D32399	Reserved Modbus-RTU Easy Master function	D32400 D32447	Parameter area for Ethernet socket	D32500 D32626	html code of passwored input page	D32630 D32668	Html code of ERROR page	D32670 D32674	8 characters Password strictly. These 8 bytes should be filled
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View	 <p>The screenshot shows a Mozilla Firefox browser window with the address bar set to <code>http://192.168.250.30/index</code>. The page title is "CP1L-E WebServer". The main content area lists ten values:</p> <ul style="list-style-type: none"> <li>Value 0:00001111</li> <li>Value 1:22220000</li> <li>Value 2:00003333</li> <li>Value 3:00444400</li> <li>Value 4:55000055</li> <li>Value 5:66666666</li> <li>Value 6:00000007</li> <li>Value 7:00000080</li> <li>Value 8:00000900</li> <li>Value 9:10101010</li> </ul> <p>At the bottom, there is a link to <a href="http://support-omron.fr">support-omron.fr</a>. An inset window shows a password login form with the label "Password:" and a "Login" button.</p>
Documentations	<a href="#">Manuel CP1L-Ex</a>

## Input variables

Name	Type	Range	Function
EN	BOOL	OFF-ON	ON = allow FB execution
Check_Password	BOOL	OFF-ON	Enable Acces controlled by password. Password written in D32670-D32674 (8 characters strictly)
Login_Delay	UINT	0000-9999	Time before logout (in second) if no activity A delay of 0s will prohibit any access.
Logout	BOOL	OFF-ON	Command to logout.

## Output variables

Name	Type	Range	Function
ENO	BOOL	OFF-ON	Server operationnal listening for a client
Connected	BOOL	OFF-ON	Client connected (only during up/download html code)
Error	BOOL	OFF-ON	FINS Error
ErrorCode	UINT	0000-FFFF	<a href="#">FINS error code CP1L socket</a>
Eth_Link_default	BOOL	OFF-ON	No Ethernet link
Visits	UINT	0000-FFFF	Number of access
Logged	BOOL	OFF-ON	Browser connected using password