



OPEN PROTOCOL FOR ELECTRICAL NETWORKS

My Open Web Net Who = 2

Brand	Item
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WHO = 2 AUTOMATION

In this document you will find all the Open frames that describe the Automation functions of a My Home System.

1. Table WHAT

0	STOP
1	UP
2	DOWN

2. Table WHERE

0	General
1	Environment 1
...	...
9	Environment 9
11	Automation Point 11
12	Automation Point 12
...	...
19	Automation Point 19
21	Automation Point 21
22	Automation Point 22
...	...
29	Automation Point 29
31	Automation Point 31
32	Automation Point 32
...	...
39	Automation Point 39
41	Automation Point 41
42	Automation Point 42
...	...
49	Automation Point 49
51	Automation Point 51
52	Automation Point 52
...	...
59	Automation Point 59
61	Automation Point 61
62	Automation Point 62
...	...
69	Automation Point 69
71	Automation Point 71
72	Automation Point 72
...	...
79	Automation Point 79
81	Automation Point 81
82	Automation Point 82
...	...
89	Automation Point 89
91	Automation Point 91
92	Automation Point 92
...	...
99	Automation point 99
#1	Group 1
#2	Group 2
...	...
#9	Group 9

3. Open messages: commands session

Commands UP / DOWN / STOP (WHAT 0,1,2)

Command session	Open frame	Notes	
TCP/IP: Client -> Server	*2*[0-2]*WHERE##	<p>If the actuator is set in the PUL configuration, the <i>General</i> or the <i>Environment</i> command <u>can't be performed</u> with automation points controlled by the actuator.</p> <p>If an automation point is <i>disabled</i> the command <u>can't be performed</u>.</p> <p>WHERE:</p>	
		0	General command (Every system automation points)
		1 - 9	Environment command (only automation points belonging to a specific raiser of the environment)
		#1 - #9	Group command (every automation point belonging to a specific group of the entire system)
		11 -99	Point to Point command
		0#4#I	General command on Local Bus (level 4) with I interface
		1 - 9#4#I	Environment command on Local Bus with I interface
		#1 -#9#4#I	Group command on Local Bus with I interface
		11 - 99#4#I	Point to Point command on Local Bus with I interface

Events session	Open frame	Notes
TCP/IP: Server -> Client	*2*[0-2]*WHERE##	<p>WHERE = Actuator controller address.</p> <p>If it is a <i>General</i>, <i>Environment</i> or <i>Group</i> command, on events connection <u>is sent</u> the same frame as on command connection.</p> <p>If it is a <i>General</i> or <i>Environment</i> command, on events connection <u>is not sent</u> the actuators status.</p> <p>If it is a <i>Group</i> command, on events connection, <u>is sent</u> the status of the actuators belonging to the specified group.</p> <p>If it is a <i>Point to Point</i> command, on events connection, <u>is sent</u> the automation point commanded status.</p>

Automation points status request Command

Commands session	Open frame	Notes	
TCP/IP: Client -> Server	*#2*WHERE##	WHERE:	
		0	General request (every system automation points)
		1 - 9	Environment request (only automation points belonging to the specified raiser of the environment)
		#1 - #9	Group request (every automation point belonging to the specified group of the entire system)
		11 -99	Point to Point request
		0#4#I	General request on Local Bus (level 4) with I interface.
		1 - 9#4#I	Environment request on Local Bus with I interface
		#1 -#9#4#I	Group request on Local Bus with I interface
		11 - 99#4#I	Point to Point request on Local Bus with I interface

Commands session	Open frame	Notes
TCP/IP: Server -> Client	<p>*2*WHAT*WHERE₁## ... *2*WHAT*WHERE_n##</p> <p>##*1## 0 ##*0##</p>	<p>WHAT = [0-2] (automation point status). WHERE= [11-99] (automation points address belonging to the Raiser) =[11-99#4#I] (automation points address belonging to the Local Bus)</p> <p>If a <i>General</i> type request is sent, it returns the automation points status that belong to Raiser and possible Local Bus</p> <p>If an <i>Environment</i> type request is sent, it returns the automation points status that belong to the specified Environment.</p> <p>If a <i>Group</i> type request is sent, it returns the automation points status that belong to specify Group.</p> <p>If a <i>single point</i> status request is sent, it returns the single automation point status.</p> <p>If there are no automation points, NACK is return.</p> <p>If the actuator is set in the PUL configuration, <i>General Environment</i> or <i>Group</i> command <u>does not return</u> any answer by the automation points controlled by the actuator.</p> <p>If an automation point is <i>disabled</i>, the status <u>is not sent</u>.</p>
Sessione Eventi	Frame Open	Note
TCP/IP: Server -> Client	<p>*2*WHAT*WHERE₁## ... *2*WHAT*WHERE_n##</p>	See upper notes.

4. Open messages: Events session

Events session	Open frame	Notes
TCP/IP: Server -> Client	*2*WHAT*WHERE ##	<p>WHAT= [0-2] (automation status point)</p> <p>WHERE = [11-99] automation points address belong to Raiser; [11-99#4#I] automation points address belong to Local Buses.</p> <p>The frame is sent while an event is happening, for example the raise of a shutter.</p> <p>A frame, sent in the events session, indicates that the status of the specified automation point has changed.</p>

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