

## Linked conditions

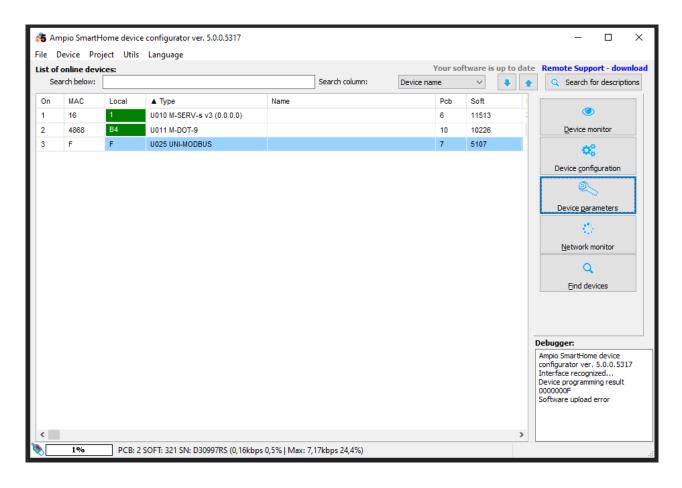
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## Introduction

In order to create a condition that is dependent on more than just one module, you have two options: one is to use flags, and the other one is to use linked conditions, which is a new addition in version 5.0 of the Ampio Smart Home configurator.

## Configuration

From the list of devices, select a device that you want to control and open the Device configurator.



Then, open Linked conditions.

ofo	nline devices	e De	vice configuration- Ty									
	rch for device				Search column:	Device name	~ 🌷	1				
Dn	MAC	Local	▲ Type	Name		P	b Soft	Buffer	U/Temp	Pps	Prot.	Stat
	16	1	U010 M-SERV-s v3 (0.0.0.0)			6	11513	2560	12,8V	0,4	23	
	4868	B4	U011 M-DOT-9			1	) 10226	1024	19,7V	0,2	19	
	F	F	U025 UNI-MODBUS			7	5107	4096	10,2V	0,3	23	
-	conditions fo	in davisar LIND										- 44
-	conditions fo	for device: UN	-MODBUS, MAC 00000F			業 Add conditi	n from event	]	Add condition fro	om device	34	Cor
	conditions fo	for device: UN	-MODBUS, MAC 00000F	Condition		X Add conditi	n from event		Add condition fro	om device	3/	<u>C</u> or
tof				Condition		X Add conditi	in from event	]		om device	3/	Eur
t of a				Condition		X Add conditi	in from event	]				edit: <u>C</u> on Eun pende <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u>

From the dropdown list on top, select the module that will serve as an additional source in your condition and click Add.

List	of lin	ked cor	nditions - W	indow version: 5.0.0.	4111							×
L (	88886	01¦M-SE	RV-				~	🔍 Add	📝 Edit			
0	n	ID	MAC	Туре	Name	Condition						Delete
-												
												 🗍 Сору
				💏 Editing a link	ed condition				_		×	📃 Paste
00000016\p0000016 U010 M-SERV-s v3												
				Negation	No choice	~					~	
								🗸 Accept	×	Cancel		
	2	Downloa	ad from the d	evice	🚺 Send to device			( <u></u>	Open 📙	Save 3		× Close
[		0%										

Next, choose the source type (from what information will the condition be created).

💏 Editing a linked	d condition			_		×
000000 16 \000000 1	16 U0 10 M-SERV-s v3					
N B B	Dinary input o choice inary input inary output inary flag	1   stair sensor	Accept	×	Cancel	~

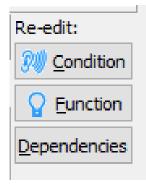
Select a number (e.g. input or flag number) and, optionally, tick whether the information should be negated. Then click *Accept*.

💏 Editing a linked condition		-	×
00000016\00000016 U010 M-SERV-s v3			
□Negation Binary input ∨	1   stair sensor 2   3		~
	4   5   6   7   8		

Once all linked conditions are established, click Send to device.

List	of lin	ked cor	nditions - W	indow version: 5.0.0.4	111					×
L	00000	01¦M-SE	RV-¦				→ Add	Ed	lit	
0	n	ID 0	MAC 1	Type U010 M-SERV-s v3	Name	Condition Bin. input 1 (stair sensor)				Delete
										Copy
										Paste
		Downloa	ad from the c	levice	🚺 Send to device			🤄 Open	🕌 Save	X Close
		0%								

After creating a regular condition in the configurator, go to *Dependencies*.



Select a dependency from the list and click Add.

🙈 Condition link list - Window version: 5.0.0.4111	– 🗆 X
Selecting an item to bind:	
0 ¦ MAC Local: 00000001 ¦   Bin. input 1 (stair s ~ 🥄 Add	× Delete
0   MAC Local: 00000001   Bin. input 1 (stair sens	
Selecting a logical operation in the list: All of them V Accept	🗙 Close

For all the dependencies, you can also choose options All of them (AND) or Any of (OR), and confirm by clicking Accept.

🙈 C	Conditio	n link li	ist - Window version: 5.0.0.411	1							_			×
Select	Selecting an item to bind:													
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On	ID	Co	ndition											
		Color	ting a logical operation in the list:	مال مراجع									-	
		Selec	ang a logical operation in the list:	All of them			~		🗸 🗸	cept		×	Close	
				Any of										

In the conditions window you will then see a condition with a circles number, which stands for the number of dependencies.

💏 Cor	🚯 Configuration window of actuating device —											×	
List of online devices: Device configuration- Type: U025-UNI-MODBUS, MAC 00000F,													
Sear	ch for device	5:			Search column:	Device name		~ 🎚 🕇					
On	MAC	Local	▲ Type	Name			Pcb	Soft	Buffer	U/Temp	Pps	Prot.	Status
1	16	1	U010 M-SERV-s v3 (0.0.0.0)				6	11513	2560	12,8V	0,4	23	
2	4868	B4	U011 M-DOT-9				10	10226	1024	19,7V	0,2	19	
3	F	F	U025 UNI-MODBUS				7	5107	4096	10,2V	0,3	23	
List of conditions for device: UNI-MODBUS, MAC 00000F X Add condition from event Add condition from event Re-ed X Add condition from device X Add condition from device X Add condition from event X Add cond										<u>C</u> ondition			
On	MAC	Туре	Name C	ondition				Function				-	Eunction
1 🗸	1	U010 M-SEP	RV-s v3 [0	F] AND Binary	/ I/O In:T1(stair sensor	) Basic	1	Binary flag: 7 Ba	isic Toggle			Dep	endencies
A list of bound dependencies, with a logical operation All of them:       0         MAC Local: 00000001										>	<u>Up</u> Down <u>T</u> est		
		l <u>f</u> rom dev	A Send to device	<b>Ф</b> о <u>Р</u> а	arameters 🛃 🛃	Save to File		👍 Open fron	n file 🔅	Linked condition	IS		Delete Copy
	0% Device memory usage												

The condition must, naturally, be sent to the device. From now on, for the condition to be met, linked information must also be active.

The logic saved in Dependencies must be activated first, if you want the condition to be performed immediately. Otherwise, it can be performed even with a couple of seconds' delay. Only when the Dependency is *Active* (logical status 1), will the logic of the main condition be checked.