



Topology

Project: **BOUDROS**

AGR-10052022

Start date: Δευτέρα, 1 Αυγούστου 2022

Import date: Πέμπτη, 23 Μαΐου 2024

Print date: Πέμπτη, 23 Μαΐου 2024

Print time: 5:02:22 μμ

Status: Accepted

Topology BOUDROS

Address	Manufacturer	Order Number	Product	Application	Status
Description	Serial Number	Room	Trade		
Comments					
Installation Notes					

	0	TP	Backbone area		
	1	TP	Area #1		
	1.1	TP	Line #1		

Basement & Ground Floor

	1.1.1	Berker	75740101	KNX Touch Control	KNX Touch Control	Accepted
	0006:191AE1D3		Living room			

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
1	Software version	Output	Low	CR-T--	2 bytes	
2	Unit malfunction	Output	Low	CR-T--	switch	
5	Access codes reset	Input / Output	Low	CRWT--	1 bit	
6	Reset to download last version	Input / Output	Low	CRWT--	1 bit	
8	Date	Input	Low	C-WTU-	date	31/0/0 S
9	Time	Input	Low	C-WTU-	time of day	31/0/1 S
10	Request date and time	Input / Output	Low	C-WT--	1 bit	
12	Room brightness status	Output	Low	CR-T--	switch	
56	Alarm 1	Input	Low	C-W---	switch	
57	Alarm 1 Acknowledge	Input / Output	Low	C-WT--	switch	
58	Alarm 2	Input	Low	C-W---	switch	
59	Alarm 2 Acknowledge	Input / Output	Low	C-WT--	switch	
60	Alarm 3	Input	Low	C-W---	switch	
61	Alarm 3 Acknowledge	Input / Output	Low	C-WT--	switch	
62	Alarm 4	Input	Low	C-W---	switch	
63	Alarm 4 Acknowledge	Input / Output	Low	C-WT--	switch	
64	Alarm 5	Input	Low	C-W---	switch	
65	Alarm 5 Acknowledge	Input / Output	Low	C-WT--	switch	
66	Alarm 6	Input	Low	C-W---	switch	
67	Alarm 6 Acknowledge	Input / Output	Low	C-WT--	switch	
101	Page 1 Surface 1	Input / Output 16 bit	Low	CRWT--	2-byte float value, 2-byte float value	28/5/0 S, 28/5/1
105	Page 1 Surface 2	Input 1 bit	Low	C-W---	switch, switch	28/0/2, 28/0/3 S
109	Page 1 Surface 3	Input 16 bit	Low	C-W---	2-byte float value, 2-byte float value	19/1/0 S
113	Page 1 Surface 4	Input 1 bit	Low	C-W---	switch, switch	28/0/1 S
151	Page 2 Surface 1	Input / Output 16 bit	Low	CRWT--	2-byte float value, 2-byte float value	1/0/6 S, 1/0/7
155	Page 2 Surface 2	Input / Output 1 bit	Low	CRWT--	switch, switch	1/0/0 S, 1/0/1
159	Page 2 Surface 3	Input / Output 1 bit	Low	CRWT--	switch, switch	1/0/22 S
163	Page 2 Surface 4	Input 16 bit	Low	C-W---	2-byte float value, 2-byte float value	19/6/0 S
167	Page 2 Surface 5	Input 1 bit	Low	C-W---	switch, switch	1/7/7 S
171	Page 2 Surface 6	Input / Output text	Low	CRWT--	Character String (ASCII)	1/0/23 S
201	Page 3 Surface 1	Input / Output 1 bit	Low	CRWT--	switch, switch	10/0/16 S, 10/1/16
205	Page 3 Surface 2	Input / Output ON/OFF	Low	CRWT-l	switch, switch	10/0/14 S, 10/1/14
206	Page 3 Surface 2	Input / Output dimming	Low	CRWT-l	dimming control	10/2/14 S
207	Page 3 Surface 2	Input brightness	Low	C-W--l	percentage (0..100%)	10/4/14 S
209	Page 3 Surface 3	Input / Output 1 bit	Low	CRWT--	switch, switch	10/0/15 S, 10/1/15
283	Page 4 Rocker 1 Up/Down (long-term)	Output	Low	C--T--	up/down, up/down	24/0/3 S

Topology BOUDROS

Address Description	Manufacturer	Order Number	Product	Application	Status
Serial Number		Room		Trade	
Comments					
Installation Notes					

1.1 TP Line #1
Basement & Ground Floor

<input type="checkbox"/> 1.1.1	Berker	75740101	KNX Touch Control	KNX Touch Control	Accepted
0006:191AE1D3		Living room			

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
284	Page 4 Rocker 1 Step/Stop (short press)	Output	Low	C--T--	start/stop, start/stop	24/1/3 S
285	Page 4 Rocker 1 Position	Input	Low	C-W---	percentage (0..100%)	24/3/3 S
287	Page 4 Rocker 1 Status	Input	Low	C-W---	switch	24/0/3 S
861	Scene	Input	Low	C-W---	1 byte	

<input type="checkbox"/> 1.1.2	Berker	75740101	KNX Touch Control	KNX Touch Control	Accepted
0006:191AE1A6					

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
1	Software version	Output	Low	CR-T--	2 bytes	
2	Unit malfunction	Output	Low	CR-T--	switch	
5	Access codes reset	Input / Output	Low	CRWT--	1 bit	
6	Reset to download last version	Input / Output	Low	CRWT--	1 bit	
8	Date	Input	Low	C-WTU-	date	31/0/0 S
9	Time	Input	Low	C-WTU-	time of day	31/0/1 S
10	Request date and time	Input / Output	Low	C-WT--	1 bit	
12	Room brightness status	Output	Low	CR-T--	switch	
56	Alarm 1	Input	Low	C-W---	switch	
57	Alarm 1 Acknowledge	Input / Output	Low	C-WT--	switch	
58	Alarm 2	Input	Low	C-W---	switch	
59	Alarm 2 Acknowledge	Input / Output	Low	C-WT--	switch	
60	Alarm 3	Input	Low	C-W---	switch	
61	Alarm 3 Acknowledge	Input / Output	Low	C-WT--	switch	
62	Alarm 4	Input	Low	C-W---	switch	
63	Alarm 4 Acknowledge	Input / Output	Low	C-WT--	switch	
64	Alarm 5	Input	Low	C-W---	switch	
65	Alarm 5 Acknowledge	Input / Output	Low	C-WT--	switch	
66	Alarm 6	Input	Low	C-W---	switch	
67	Alarm 6 Acknowledge	Input / Output	Low	C-WT--	switch	
101	Page 1 Surface 1	Input / Output 16 bit	Low	CRWT--	2-byte float value, 2-byte float value	28/5/0 S, 28/5/1
105	Page 1 Surface 2	Input 1 bit	Low	C-W---	switch, switch	28/0/2, 28/0/3 S
109	Page 1 Surface 3	Input 16 bit	Low	C-W---	2-byte float value, 2-byte float value	19/1/0 S
113	Page 1 Surface 4	Input 1 bit	Low	C-W---	switch, switch	28/0/1 S
151	Page 2 Surface 1	Input / Output 16 bit	Low	CRWT--	2-byte float value, 2-byte float value	1/4/6 S, 1/4/7
155	Page 2 Surface 2	Input / Output 1 bit	Low	CRWT--	switch, switch	1/4/0 S, 1/4/1
159	Page 2 Surface 3	Input / Output 1 bit	Low	CRWT--	switch, switch	1/4/22 S
163	Page 2 Surface 4	Input 16 bit	Low	C-W---	2-byte float value, 2-byte float value	19/1/0 S
167	Page 2 Surface 5	Input 1 bit	Low	C-W---	switch, switch	1/7/7 S
171	Page 2 Surface 6	Input / Output text	Low	CRWT--	Character String	1/4/23 S

Topology BOUDROS

Address Description	Manufacturer	Order Number	Product	Application	Status
Serial Number	Room	Trade			
Comments					
Installation Notes					

+ 1.1 TP Line #1
 Basement & Ground Floor

■ 1.1.2 Berker 75740101 KNX Touch Control KNX Touch Control Accepted
 0006:191AE1A6

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
					(ASCII)	
201	Page 3 Surface 1	Input / Output 1 bit	Low	CRWT--	switch, switch	11/0/0 S, 11/0/1
205	Page 3 Surface 2	Input / Output ON/OFF	Low	CRWT--	switch, switch	11/0/0 S, 11/0/1
206	Page 3 Surface 2	Input / Output dimming	Low	CRWT--	dimming control	11/0/4 S
207	Page 3 Surface 2	Input brightness	Low	C-W---	percentage (0..100%)	11/0/6 S
248	Page 3 Rotary control	Input / Output red	Low	C-WT--	percentage (0..100%), percentage (0..100%)	11/0/7 S, 11/0/8
249	Page 3 Rotary control	Input / Output green	Low	C-WT--	percentage (0..100%)	11/0/9 S, 11/0/10
250	Page 3 Rotary control	Input / Output blue	Low	C-WT--	percentage (0..100%)	11/0/11 S, 11/0/12
251	Page 4 Surface 1	Input / Output 1 bit	Low	CRWT--	switch, switch	11/1/0 S, 11/1/1
255	Page 4 Surface 2	Input / Output ON/OFF	Low	CRWT--	switch, switch	11/1/0 S, 11/1/1
256	Page 4 Surface 2	Input / Output dimming	Low	CRWT--	dimming control	11/1/4 S
257	Page 4 Surface 2	Input brightness	Low	C-W---	percentage (0..100%)	11/1/6 S
298	Page 4 Rotary control	Input / Output red	Low	C-WT--	percentage (0..100%), percentage (0..100%)	11/1/7 S, 11/1/8
299	Page 4 Rotary control	Input / Output green	Low	C-WT--	percentage (0..100%)	11/1/9 S, 11/1/10
300	Page 4 Rotary control	Input / Output blue	Low	C-WT--	percentage (0..100%)	11/1/11 S, 11/1/12
301	Page 5 Surface 1	Input / Output ON/OFF	Low	CRWT--	switch, switch	10/0/6 S, 10/1/6
302	Page 5 Surface 1	Input / Output dimming	Low	CRWT--	dimming control	10/2/6 S
303	Page 5 Surface 1	Input brightness	Low	C-W---	percentage (0..100%)	10/4/6 S
305	Page 5 Surface 2	Input / Output 1 bit	Low	CRWT--	switch, switch	10/0/2 S, 10/1/2
309	Page 5 Surface 3	Input / Output ON/OFF	Low	CRWT--	switch, switch	10/0/9 S, 10/1/9
310	Page 5 Surface 3	Input / Output dimming	Low	CRWT--	dimming control	10/2/9 S
311	Page 5 Surface 3	Input brightness	Low	C-W---	percentage (0..100%)	10/4/9 S
313	Page 5 Surface 4	Input / Output ON/OFF	Low	CRWT--	switch, switch	10/0/5 S, 10/1/5
314	Page 5 Surface 4	Input / Output dimming	Low	CRWT--	dimming control	10/2/5 S
315	Page 5 Surface 4	Input brightness	Low	C-W---	percentage (0..100%)	10/4/5 S
317	Page 5 Surface 5	Input / Output ON/OFF	Low	CRWT--	switch, switch	10/0/3 S, 10/1/3
318	Page 5 Surface 5	Input / Output dimming	Low	CRWT--	dimming control	10/2/3 S
319	Page 5 Surface 5	Input brightness	Low	C-W---	percentage (0..100%)	10/4/3 S
321	Page 5 Surface 6	Input / Output 1 bit	Low	CRWT--	switch, switch	10/0/10 S, 10/1/10
383	Page 6 Rocker 1 Up/Down (long-term)	Output	Low	C--T--	up/down, up/down	24/0/0 S
384	Page 6 Rocker 1 Step/Stop (short press)	Output	Low	C--T--	start/stop, start/stop	24/1/0 S
385	Page 6 Rocker 1 Position	Input	Low	C-W---	percentage (0..100%)	24/3/0 S
387	Page 6 Rocker 1 Status	Input	Low	C-W---	switch	24/0/0 S
388	Page 6 Rocker 2 Up/Down (long-term)	Output	Low	C--T--	up/down, up/down	24/0/1 S
389	Page 6 Rocker 2 Step/Stop (short press)	Output	Low	C--T--	start/stop, start/stop	24/1/1 S
390	Page 6 Rocker 2 Position	Input	Low	C-W---	percentage (0..100%)	24/3/1 S
392	Page 6 Rocker 2 Status	Input	Low	C-W---	switch	24/0/1 S
393	Page 6 Rocker 3 Up/Down (long-term)	Output	Low	C--T--	up/down, up/down	24/0/2 S

Topology BOUDROS

Address Description Serial Number Comments Installation Notes	Manufacturer	Order Number	Product	Application	Status
	Room			Trade	

+ 1.1 TP Line #1
 Basement & Ground Floor

■ 1.1.2 Berker 75740101 KNX Touch Control KNX Touch Control Accepted
 0006:191AE1A6

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
394	Page 6 Rocker 3 Step/Stop (short press)	Output	Low	C--T--	start/stop, start/stop	24/1/2 S
395	Page 6 Rocker 3 Position	Input	Low	C-W---	percentage (0..100%)	24/3/2 S
397	Page 6 Rocker 3 Status	Input	Low	C-W---	switch	24/0/2 S
433	Page 7 Rocker 1 Up/Down (long-term)	Output	Low	C--T--	up/down, up/down	24/0/11 S
434	Page 7 Rocker 1 Step/Stop (short press)	Output	Low	C--T--	start/stop, start/stop	24/1/11 S
435	Page 7 Rocker 1 Position	Input	Low	C-W---	percentage (0..100%)	24/3/11 S
437	Page 7 Rocker 1 Status	Input	Low	C-W---	switch	24/0/11 S
438	Page 7 Rocker 2 Up/Down (long-term)	Output	Low	C--T--	up/down, up/down	24/0/10 S
439	Page 7 Rocker 2 Step/Stop (short press)	Output	Low	C--T--	start/stop, start/stop	24/1/10 S
440	Page 7 Rocker 2 Position	Input	Low	C-W---	percentage (0..100%)	24/3/10 S
442	Page 7 Rocker 2 Status	Input	Low	C-W---	switch	24/0/10 S
443	Page 7 Rocker 3 Up/Down (long-term)	Output	Low	C--T--	up/down, up/down	24/0/9 S
444	Page 7 Rocker 3 Step/Stop (short press)	Output	Low	C--T--	start/stop, start/stop	24/1/9 S
445	Page 7 Rocker 3 Position	Input	Low	C-W---	percentage (0..100%)	24/3/9 S
447	Page 7 Rocker 3 Status	Input	Low	C-W---	switch	24/0/9 S
483	Page 8 Rocker 1 Up/Down (long-term)	Output	Low	C--T--	up/down, up/down	24/0/8 S
484	Page 8 Rocker 1 Step/Stop (short press)	Output	Low	C--T--	start/stop, start/stop	24/1/8 S
485	Page 8 Rocker 1 Position	Input	Low	C-W---	percentage (0..100%)	24/3/8 S
487	Page 8 Rocker 1 Status	Input	Low	C-W---	switch	24/0/8 S
488	Page 8 Rocker 2 Up/Down (long-term)	Output	Low	C--T--	up/down, up/down	24/0/7 S
489	Page 8 Rocker 2 Step/Stop (short press)	Output	Low	C--T--	start/stop, start/stop	24/1/7 S
490	Page 8 Rocker 2 Position	Input	Low	C-W---	percentage (0..100%)	24/3/7 S
492	Page 8 Rocker 2 Status	Input	Low	C-W---	switch	24/0/7 S
533	Page 9 Rocker 1 Up/Down (long-term)	Output	Low	C--T--	up/down, up/down	24/0/6 S
534	Page 9 Rocker 1 Step/Stop (short press)	Output	Low	C--T--	start/stop, start/stop	24/1/6 S
535	Page 9 Rocker 1 Position	Input	Low	C-W---	percentage (0..100%)	24/3/6 S
537	Page 9 Rocker 1 Status	Input	Low	C-W---	switch	24/0/6 S

Topology BOUDROS

Address Description	Manufacturer	Order Number	Product	Application	Status
Serial Number	Room	Trade			
Comments					
Installation Notes					

+ 1.1 TP Line #1
 Basement & Ground Floor

■ 1.1.2 Berker 75740101 KNX Touch Control KNX Touch Control Accepted
 0006:191AE1A6

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
538	Page 9 Rocker 2 Up/Down (long-term)	Output	Low	C--T--	up/down, up/down	24/0/5 S
539	Page 9 Rocker 2 Step/Stop (short press)	Output	Low	C--T--	start/stop, start/stop	24/1/5 S
540	Page 9 Rocker 2 Position	Input	Low	C-W---	percentage (0..100%)	24/3/5 S
542	Page 9 Rocker 2 Status	Input	Low	C-W---	switch	24/0/5 S
543	Page 9 Rocker 3 Up/Down (long-term)	Output	Low	C--T--	up/down, up/down	24/0/4 S
544	Page 9 Rocker 3 Step/Stop (short press)	Output	Low	C--T--	start/stop, start/stop	24/1/4 S
545	Page 9 Rocker 3 Position	Input	Low	C-W---	percentage (0..100%)	24/3/4 S
547	Page 9 Rocker 3 Status	Input	Low	C-W---	switch	24/0/4 S
551	Page 10 Surface 1	Input / Output 1 bit	Low	CRWT--	switch, switch	16/0/0 S, 16/0/1
583	Page 10 Rocker 1 Up/Down (long-term)	Output	Low	C--T--	up/down, up/down	16/1/0 S
584	Page 10 Rocker 1 Step/Stop (short press)	Output	Low	C--T--	start/stop, start/stop	16/1/1 S
585	Page 10 Rocker 1 Position	Input	Low	C-W---	percentage (0..100%)	16/1/5 S
587	Page 10 Rocker 1 Status	Input	Low	C-W---	switch	16/1/0 S
861	Scene	Input	Low	C-W---	1 byte	

■ 1.1.3 AIRZONE – ALTRA AIDOO-AZAI6KNXxxx KNX-HVAC AIRZONE GATEWAY kmachine Accepted
 3041:424E3332

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
1	Control On/Off [DPT_1.001]	0-Off, 1-On	Low	C-W---	1-bit, switch	1/0/0 S, 1/7/0
2	Control Mode [DPT_20.105]	0-Auto, 1-Heat, 3-Cool, 9-Fan, 14-Dry	Low	C-W---	1-byte, HVAC control mode	1/0/2 S
3	Control Mode Cool/Heat [DPT_1.100]	0-Cool, 1-Heat	Low	C-W---	1-bit, cooling/heating	1/7/7 S
4	Control Mode Cool & On [DPT 5.001]	0% Off, 1%-100% On + Cool	Low	C-W---	8-bit unsigned value, percentage (0..100%)	
5	Control Mode Heat & On [DPT 5.001]	0% Off, 1%-100% On + Heat	Low	C-W---	8-bit unsigned value, percentage (0..100%)	
6	Control Mode Auto [DPT_1.002]	1-Auto	Low	C-W---	1-bit, boolean	1/0/9 S
7	Control Mode Heat [DPT_1.002]	1-Heat	Low	C-W---	1-bit, boolean	1/0/11 S
8	Control Mode Cool [DPT_1.002]	1-Cool	Low	C-W---	1-bit, boolean	1/0/13 S
9	Control Mode Fan [DPT_1.002]	1-Fan	Low	C-W---	1-bit, boolean	1/0/15 S

Topology BOUDROS

Address Description	Manufacturer	Order Number	Product	Application	Status
Serial Number	Room	Trade			
Comments					
Installation Notes					

+ 1.1 TP Line #1
 Basement & Ground Floor

■ 1.1.3 AIRZONE – ALTRA AIDOO- KNX-HVAC AIRZONE GATEWAY kmachine Accepted
 AZAI6KNXxxx
 3041:424E3332

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
10	Control Mode Dry [DPT_1.002]	1-Dry	Low	C-W---	1-bit, boolean	1/0/17 S
11	Control Mode +/- [DPT_1.007]	0-Decrease, 1-Increase	Low	C-W---	1-bit, step	
12	Control Fan Speed/3 Speeds [DPT 5.001]	0%-49% Speed1, 50%-82% Speed2, 83%-100% Speed3	Low	C-W---	8-bit unsigned value, percentage (0..100%)	1/0/4 S
13	Control Fan Speed Man/Auto [DPT 1.002]	1-Auto	Low	C-W---	1-bit, boolean	
14	Control Fan Speed 1 [DPT 1.002]	1-Set Fan Speed 1	Low	C-W---	1-bit, boolean	
15	Control Fan Speed 2 [DPT 1.002]	1-Set Fan Speed 2	Low	C-W---	1-bit, boolean	
16	Control Fan Speed 3 [DPT 1.002]	1-Set Fan Speed 3	Low	C-W---	1-bit, boolean	
17	Control Fan Speed +/- [DPT 1.007]	0-Decrease, 1-Increase	Low	C-W---	1-bit, step	1/0/22 S
18	Control Vanes U-D/5 pos [DPT 5.001]	0%-29% Pos1, 30%-49% Pos2, 50%-69% Pos3, 70%-89% Pos4, 90%-100% Pos5	Low	C-W---	8-bit unsigned value, percentage (0..100%)	
27	Control Setpoint Temperature [DPT 9.001]	°C	Low	C-W---	2-byte float value, temperature (°C)	1/0/6 S, 1/7/2
28	Control Setpoint Temp +/- [DPT 1.007]	0-Decrease, 1-Increase	Low	C-W---	1-bit, step	1/0/8 S
29	Control Ambient Temperature [DPT 9.001]	°C	Low	C-W---	2-byte float value, temperature (°C)	
31	Control Reset Filter [DPT 1.015]	1-Reset filter	Low	C-W---	1-bit, reset	
32	Control Window Contact Status [DPT 1.009]	0-Open, 1-Closed	Low	C-W---	1-bit, open/close	
33	Control Switch Off timeout [DPT 1.010]	0-Stop, 1-Start	Low	C-W---	1-bit, start/stop	
34	Control Occupancy [DPT 1.018]	0-Not occupied, 1-Occupied	Low	C-W---	1-bit, occupancy	
35	Control Sleep Timeout [DPT 1.010]	0-Stop, 1-Start	Low	C-W---	1-bit, start/stop	
36	Control Lock Control Objects [DPT 1.002]	0-Unlocked, 1-Locked	Low	C-W---	1-bit, boolean	
37	Control Save/ Scene [DPT 18.001]	0 to 4 - Exec Scene 1 to 5, 128 to 132 Save Scene 1 to 5	Low	C-W---	scene control, scene control	
51	Status On/Off [DPT_1.001]	0-Off, 1-On	Low	CR-T--	1-bit, switch	1/0/1 S
52	Status Mode	0-Auto, 1-Heat, 3-Cool, 9-	Low	CR-T--	1-byte, HVAC control	1/0/3 S

Topology BOUDROS

Address Description	Manufacturer	Order Number	Product	Application	Status
Serial Number	Room	Trade			
Comments					
Installation Notes					

1.1 TP Line #1

Basement & Ground Floor

1.1.3 AIRZONE – ALTRA AIDOO-AZAI6KNXxxx KNX-HVAC AIRZONE GATEWAY kmachine Accepted
3041:424E3332

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
	[DPT_20.105]	Fan, 14-Dry			mode	
53	Status Mode Cool/Heat [DPT 1.100]	0-Cool, 1-Heat	Low	CR-T--	1-bit, cooling/heating	1/0/20 S
54	Status Mode Auto [DPT 1.002]	1-Auto	Low	CR-T--	1-bit, boolean	1/0/10 S
55	Status Mode Heat [DPT 1.002]	1-Heat	Low	CR-T--	1-bit, boolean	1/0/12 S
56	Status Mode Cool [DPT 1.002]	1-Cool	Low	CR-T--	1-bit, boolean	1/0/14 S
57	Status Mode Fan [DPT 1.002]	1-Fan	Low	CR-T--	1-bit, boolean	1/0/16 S
58	Status Mode Dry [DPT 1.002]	1-Dry	Low	CR-T--	1-bit, boolean	1/0/17 S
59	Status Mode Text [DPT 16.001]	ASCII String	Low	CR-T--	character string, Character String (ISO 8859-1)	
60	Status Fan Speed / 3 Speeds [DPT 5.001]	33%-Speed1, 67%-Speed2, 100%-Speed3	Low	CR-T--	8-bit unsigned value, percentage (0..100%)	1/0/5 S
61	Status Fan Speed Manual/Auto [DPT 1.002]	0-Manual, 1-Auto	Low	CR-T--	1-bit, boolean	
62	Status Fan Speed 1 [DPT 1.002]	1-Fan is in speed 1	Low	CR-T--	1-bit, boolean	
63	Status Fan Speed 2 [DPT 1.002]	1-Fan is in speed 2	Low	CR-T--	1-bit, boolean	
64	Status Fan Speed 3 [DPT 1.002]	1-Fan is in speed 3	Low	CR-T--	1-bit, boolean	
65	Status Fan Speed Text [DPT 16.001]	ASCII String	Low	CR-T--	character string, Character String (ISO 8859-1)	1/0/23 S
66	Status Vanes U-D/5Pos [DPT 5.001]	20%-Pos1, 40%-Pos2, 60%-Pos3, 80%-Pos4, 100%-Pos5	Low	CR-T--	8-bit unsigned value, percentage (0..100%)	
75	Status AC Setpoint Temp [DPT 9.001]	°C	Low	CR-T--	2-byte float value, temperature (°C)	1/0/7 S
76	Status AC Return Temp [DPT 9.001]	°C	Low	CR-T--	2-byte float value, temperature (°C)	
77	Internal probe temperature [DPT 9.001]	°C	Low	CR-T--	2-byte float value, temperature (°C)	
78	External probe temperature [DPT 9.001]	°C	Low	CR-T--	2-byte float value, temperature (°C)	
79	Status Reset Filter [DPT 1.002]	0-No Alarm, 1-Alarm	Low	CR-T--	1-bit, boolean	
81	Status Error/Alarm [DPT 1.005]	0-No Alarm, 1-Alarm	Low	CR-T--	1-bit, alarm	
82	Error text code [DPT 16.001]	ASCII String	Low	CR-T--	character string, Character String (ISO 8859-1)	

Topology BOUDROS

Address Description	Manufacturer	Order Number	Product	Application	Status
Serial Number	Room	Trade			
Comments					
Installation Notes					

1.1 TP Line #1
Basement & Ground Floor

1.1.3 AIRZONE – ALTRA AIDOO-AZAI6KNXxxx KNX-HVAC AIRZONE GATEWAY kmachine Accepted
3041:424E3332

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
83	Status Operation Hour Counter [DPT 13.100]	Number of operating hours	Low	CR-T--	4-byte signed value, time lag (s)	
84	Status Lock Remote Control [DPT 1.002]	0-Unlocked, 1-Locked	Low	CR-T--	1-bit, boolean	
85	Status Lock Control Objects [DPT 1.002]	0-Unlocked, 1-Locked	Low	CR-T--	1-bit, boolean	
86	Status Current Scene [DPT 17.001]	0 to 4 Scene 1 to 5, 63 No scene	Low	CR-T--	scene number, scene number	

1.1.4 AIRZONE – ALTRA AIDOO-AZAI6KNXxxx KNX-HVAC AIRZONE GATEWAY kmachine Accepted
3041:42385756

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
1	Control On/Off [DPT_1.001]	0-Off, 1-On	Low	C-W---	1-bit, switch	1/4/0 S, 1/7/0
2	Control Mode [DPT_20.105]	0-Auto, 1-Heat, 3-Cool, 9-Fan, 14-Dry	Low	C-W---	1-byte, HVAC control mode	
3	Control Mode Cool/Heat [DPT_1.100]	0-Cool, 1-Heat	Low	C-W---	1-bit, cooling/heating	1/7/7 S
4	Control Mode Cool & On [DPT 5.001]	0% Off, 1%-100% On + Cool	Low	C-W---	8-bit unsigned value, percentage (0..100%)	
5	Control Mode Heat & On [DPT 5.001]	0% Off, 1%-100% On + Heat	Low	C-W---	8-bit unsigned value, percentage (0..100%)	
6	Control Mode Auto [DPT_1.002]	1-Auto	Low	C-W---	1-bit, boolean	
7	Control Mode Heat [DPT_1.002]	1-Heat	Low	C-W---	1-bit, boolean	
8	Control Mode Cool [DPT_1.002]	1-Cool	Low	C-W---	1-bit, boolean	
9	Control Mode Fan [DPT_1.002]	1-Fan	Low	C-W---	1-bit, boolean	
10	Control Mode Dry [DPT_1.002]	1-Dry	Low	C-W---	1-bit, boolean	
11	Control Mode +/- [DPT_1.007]	0-Decrease, 1-Increase	Low	C-W---	1-bit, step	
12	Control Fan Speed/3 Speeds [DPT 5.001]	0%-49% Speed1, 50%-82% Speed2, 83%-100% Speed3	Low	C-W---	8-bit unsigned value, percentage (0..100%)	
13	Control Fan Speed Man/Auto [DPT 1.002]	1-Auto	Low	C-W---	1-bit, boolean	
14	Control Fan Speed 1 [DPT 1.002]	1-Set Fan Speed 1	Low	C-W---	1-bit, boolean	
15	Control Fan Speed 2 [DPT 1.002]	1-Set Fan Speed 2	Low	C-W---	1-bit, boolean	
16	Control Fan Speed 3 [DPT 1.002]	1-Set Fan Speed 3	Low	C-W---	1-bit, boolean	

Topology BOUDROS

Address Description	Manufacturer	Order Number	Product	Application	Status
Serial Number	Room	Trade			
Comments					
Installation Notes					

1.1 TP Line #1

Basement & Ground Floor

1.1.4 AIRZONE – ALTRA AIDOO-AZAI6KNXxxx KNX-HVAC AIRZONE GATEWAY kmachine Accepted
3041:42385756

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
17	Control Fan Speed +/- [DPT 1.007]	0-Decrease, 1-Increase	Low	C-W---	1-bit, step	1/4/22 S
18	Control Vanes U-D/5 pos [DPT 5.001]	0%-29% Pos1, 30%-49% Pos2, 50%-69% Pos3, 70%-89% Pos4, 90%-100% Pos5	Low	C-W---	8-bit unsigned value, percentage (0..100%)	
27	Control Setpoint Temperature [DPT 9.001]	°C	Low	C-W---	2-byte float value, temperature (°C)	1/4/6 S, 1/7/2
28	Control Setpoint Temp +/- [DPT 1.007]	0-Decrease, 1-Increase	Low	C-W---	1-bit, step	1/4/8 S
51	Status On/Off [DPT_1.001]	0-Off, 1-On	Low	CR-T--	1-bit, switch	1/4/1 S
52	Status Mode [DPT_20.105]	0-Auto, 1-Heat, 3-Cool, 9-Fan, 14-Dry	Low	CR-T--	1-byte, HVAC control mode	
53	Status Mode Cool/Heat [DPT 1.100]	0-Cool, 1-Heat	Low	CR-T--	1-bit, cooling/heating	1/4/20 S
54	Status Mode Auto [DPT 1.002]	1-Auto	Low	CR-T--	1-bit, boolean	
55	Status Mode Heat [DPT 1.002]	1-Heat	Low	CR-T--	1-bit, boolean	
56	Status Mode Cool [DPT 1.002]	1-Cool	Low	CR-T--	1-bit, boolean	
57	Status Mode Fan [DPT 1.002]	1-Fan	Low	CR-T--	1-bit, boolean	
58	Status Mode Dry [DPT 1.002]	1-Dry	Low	CR-T--	1-bit, boolean	
60	Status Fan Speed / 3 Speeds [DPT 5.001]	33%-Speed1, 67%-Speed2, 100%-Speed3	Low	CR-T--	8-bit unsigned value, percentage (0..100%)	
61	Status Fan Speed Manual/Auto [DPT 1.002]	0-Manual, 1-Auto	Low	CR-T--	1-bit, boolean	
62	Status Fan Speed 1 [DPT 1.002]	1-Fan is in speed 1	Low	CR-T--	1-bit, boolean	
63	Status Fan Speed 2 [DPT 1.002]	1-Fan is in speed 2	Low	CR-T--	1-bit, boolean	
64	Status Fan Speed 3 [DPT 1.002]	1-Fan is in speed 3	Low	CR-T--	1-bit, boolean	
65	Status Fan Speed Text [DPT 16.001]	ASCII String	Low	CR-T--	character string, Character String (ISO 8859-1)	1/4/23 S
66	Status Vanes U-D/5Pos [DPT 5.001]	20%-Pos1, 40%-Pos2, 60%-Pos3, 80%-Pos4, 100%-Pos5	Low	CR-T--	8-bit unsigned value, percentage (0..100%)	
75	Status AC Setpoint Temp [DPT 9.001]	°C	Low	CR-T--	2-byte float value, temperature (°C)	1/4/7 S
76	Status AC Return Temp [DPT 9.001]	°C	Low	CR-T--	2-byte float value, temperature (°C)	

Topology BOUDROS

Address Description	Manufacturer	Order Number	Product	Application	Status
Serial Number	Room			Trade	
Comments					
Installation Notes					

1.1 TP Line #1
Basement & Ground Floor

1.1.4 AIRZONE – ALTRA AIDOO-AZAI6KNXxxx KNX-HVAC AIRZONE GATEWAY kmachine Accepted
3041:42385756

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
77	Internal probe temperature [DPT 9.001]	°C	Low	CR-T--	2-byte float value, temperature (°C)	1/4/21 S
78	External probe temperature [DPT 9.001]	°C	Low	CR-T--	2-byte float value, temperature (°C)	
81	Status Error/Alarm [DPT 1.005]	0-No Alarm, 1-Alarm	Low	CR-T--	1-bit, alarm	
82	Error text code [DPT 16.001]	ASCII String	Low	CR-T--	character string, Character String (ISO 8859-1)	
83	Status Operation Hour Counter [DPT 13.100]	Number of operating hours	Low	CR-T--	4-byte signed value, time lag (s)	

1.1.5 Hager Electro TXB692F 2-fold switch actuator 6A 230V STXB692F Accepted
AC + 2 inputs, embedded
0009:403A8B7E

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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Outputs 1-2

0	Outputs 1-2	Up/down	Low	CRW---	up/down	2/1/0 S, 2/5/4
2	Outputs 1-2	Stop (short press)	Low	CRW---	trigger	2/1/1 S, 2/5/5
3	Outputs 1-2	Position in %	Low	CRW---	percentage (0..100%)	2/1/4 S
5	Outputs 1-2	Status indication position in %	Low	CR-T--	percentage (0..100%)	2/1/5 S
7	Outputs 1-2	Upper position reached	Low	CR-T--	boolean	2/1/2 S
8	Outputs 1-2	Lower position reached	Low	CR-T--	boolean	2/1/3 S
9	Outputs 1-2	Priority	Low	CRW---	boolean control	
10	Outputs 1-2	Status indication priority	Low	CR-T--	state	
11	Outputs 1-2	Scene	Low	CRW---	scene control	
15	Outputs 1-2	Position in % automatic control	Low	CRW---	percentage (0..100%)	
17	Outputs 1-2	Automatic control deactivation	Low	CRW---	enable	
18	Outputs 1-2	Automatic control deactivation status	Low	CR-T--	enable	

Input 1

21 Input 1 ON/OFF Low CR-T-- switch 2/1/1 S

Input 2

29 Input 2 ON/OFF Low CR-T-- switch 2/1/1 S

Information

1.1.6 Hager Electro TXB692F 2-fold switch actuator 6A 230V STXB692F Accepted
AC + 2 inputs, embedded
0009:403A8FF8

Topology BOUDROS

Address Description	Manufacturer	Order Number	Product	Application	Status
Serial Number	Room	Trade			
Comments					
Installation Notes					

1.1 TP Line #1
Basement & Ground Floor

1.1.6 Hager Electro TXB692F 2-fold switch actuator 6A 230V AC + 2 inputs, embedded STXB692F Accepted

0009:403A8FF8

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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Outputs 1-2

0	Outputs 1-2	Up/down	Low	CRW---	up/down	2/0/0 S, 2/5/4
2	Outputs 1-2	Stop (short press)	Low	CRW---	trigger	2/0/1 S, 2/5/5
3	Outputs 1-2	Position in %	Low	CRW---	percentage (0..100%)	2/0/4 S
5	Outputs 1-2	Status indication position in %	Low	CR-T--	percentage (0..100%)	2/0/5 S
7	Outputs 1-2	Upper position reached	Low	CR-T--	boolean	2/0/2 S
8	Outputs 1-2	Lower position reached	Low	CR-T--	boolean	2/0/3 S
9	Outputs 1-2	Priority	Low	CRW---	boolean control	
10	Outputs 1-2	Status indication priority	Low	CR-T--	state	
11	Outputs 1-2	Scene	Low	CRW---	scene control	
12	Outputs 1-2	Alarm 1	Low	CRW---	alarm	
15	Outputs 1-2	Position in % automatic control	Low	CRW---	percentage (0..100%)	
17	Outputs 1-2	Automatic control deactivation	Low	CRW---	enable	
18	Outputs 1-2	Automatic control deactivation status	Low	CR-T--	enable	

Input 1

21 Input 1 ON/OFF Low CR-T-- switch 2/0/1 S

Input 2

29 Input 2 ON/OFF Low CR-T-- switch 2/0/1 S

Information

1.1.7 Berker 75740101 KNX Touch Control KNX Touch Control Accepted
0006:19198085

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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1	Software version	Output	Low	CR-T--	2 bytes	
2	Unit malfunction	Output	Low	CR-T--	switch	
5	Access codes reset	Input / Output	Low	CRWT--	1 bit	
6	Reset to download last version	Input / Output	Low	CRWT--	1 bit	
8	Date	Input	Low	C-WTU-	date	31/0/0 S
9	Time	Input	Low	C-WTU-	time of day	31/0/1 S
10	Request date and time	Input / Output	Low	C-WT--	1 bit	
151	Page 2 Surface 1	Input / Output 16 bit	Low	CRWT--	2-byte float value, 2-byte float value	28/6/0 S, 28/6/1
155	Page 2 Surface 2	Input / Output 1 bit	Low	CRWT-l	switch, switch	28/0/2 S, 28/0/3
159	Page 2 Surface 3	Input 16 bit	Low	C-W---	2-byte float value, 2-byte float value	19/0/0 S
163	Page 2 Surface 4	Input 1 bit	Low	C-W--l	switch, switch	28/0/1 S
233	Page 3 Rocker 1 Up/Down (long-term)	Output	Low	C--T--	up/down, up/down	2/0/0 S

Topology BOUDROS

Address Description	Manufacturer	Order Number	Product	Application	Status
Serial Number	Room	Trade			
Comments					
Installation Notes					

+ 1.1 TP Line #1
 Basement & Ground Floor

■ 1.1.7 Berker 75740101 KNX Touch Control KNX Touch Control Accepted
 0006:19198085

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
234	Page 3 Rocker 1 Step/Stop (short press)	Output	Low	C--T--	start/stop, start/stop	2/0/1 S
235	Page 3 Rocker 1 Position	Input	Low	C-W---	percentage (0..100%)	2/0/5 S
237	Page 3 Rocker 1 Status	Input	Low	C-W---	switch	2/0/0 S
238	Page 3 Rocker 2 Up/Down (long-term)	Output	Low	C--T--	up/down, up/down	2/1/0 S
239	Page 3 Rocker 2 Step/Stop (short press)	Output	Low	C--T--	start/stop, start/stop	2/1/1 S
240	Page 3 Rocker 2 Position	Input	Low	C-W---	percentage (0..100%)	2/1/5 S
242	Page 3 Rocker 2 Status	Input	Low	C-W---	switch	2/0/0 S
243	Page 3 Rocker 3 Up/Down (long-term)	Output	Low	C--T--	up/down, up/down	2/2/0 S
244	Page 3 Rocker 3 Step/Stop (short press)	Output	Low	C--T--	start/stop, start/stop	2/2/1 S
245	Page 3 Rocker 3 Position	Input	Low	C-W---	percentage (0..100%)	2/2/5 S
247	Page 3 Rocker 3 Status	Input	Low	C-W---	switch	2/2/0 S
251	Page 4 Surface 1	Input / Output 16 bit	Low	CRWT--	2-byte float value, 2-byte float value	1/1/6 S, 1/1/7
255	Page 4 Surface 2	Input / Output 1 bit	Low	CRWT--	switch, switch	1/1/0 S, 1/1/1
259	Page 4 Surface 3	Input / Output 1 bit	Low	CRWT--	switch, switch	1/1/25 S
263	Page 4 Surface 4	Input 16 bit	Low	C-W---	2-byte float value, 2-byte float value	19/0/0 S
267	Page 4 Surface 5	Input / Output 1 bit	Low	CRWT--	switch, switch	1/7/6 S, 1/7/7
271	Page 4 Surface 6	Input / Output text	Low	CRWT--	Character String (ASCII)	1/1/24 S
301	Page 5 Surface 1	Input / Output ON/OFF	Low	CRWT--	switch, switch	5/0/10 S, 5/1/10
302	Page 5 Surface 1	Input / Output dimming	Low	CRWT--	dimming control	5/2/10 S
303	Page 5 Surface 1	Input brightness	Low	C-W---	percentage (0..100%)	5/4/10 S
305	Page 5 Surface 2	Input / Output ON/OFF	Low	CRWT--	switch, switch	5/0/7 S, 5/1/7
306	Page 5 Surface 2	Input / Output dimming	Low	CRWT--	dimming control	5/2/7 S
307	Page 5 Surface 2	Input brightness	Low	C-W---	percentage (0..100%)	5/4/7 S
309	Page 5 Surface 3	Input / Output 1 bit	Low	CRWT--	switch, switch	5/0/20 S, 5/1/20
313	Page 5 Surface 4	Input / Output 1 bit	Low	CRWT--	switch, switch	5/0/9 S, 5/1/9
317	Page 5 Surface 5	Input / Output ON/OFF	Low	CRWT--	switch, switch	5/0/8 S, 5/1/8
318	Page 5 Surface 5	Input / Output dimming	Low	CRWT--	dimming control	5/2/8 S
319	Page 5 Surface 5	Input brightness	Low	C-W---	percentage (0..100%)	5/4/8 S
321	Page 5 Surface 6	Input / Output ON/OFF	Low	CRWT--	switch, switch	5/0/16 S, 5/1/16
322	Page 5 Surface 6	Input / Output dimming	Low	CRWT--	dimming control	5/2/16 S
323	Page 5 Surface 6	Input brightness	Low	C-W---	percentage (0..100%)	5/4/16 S
351	Page 6 Surface 1	Input / Output 1 bit	Low	CRWT--	switch, switch	5/0/2 S, 5/1/2
355	Page 6 Surface 2	Input / Output 1 bit	Low	CRWT--	switch, switch	5/0/19 S, 5/1/19
359	Page 6 Surface 3	Input / Output 1 bit	Low	CRWT--	switch, switch	5/0/6 S, 5/1/6
363	Page 6 Surface 4	Input / Output ON/OFF	Low	CRWT--	switch, switch	5/0/3 S, 5/1/3

Topology BOUDROS

Address Description	Manufacturer	Order Number	Product	Application	Status
Serial Number	Room	Trade			
Comments					
Installation Notes					

+ 1.1 TP Line #1
 Basement & Ground Floor

■ 1.1.7 Berker 75740101 KNX Touch Control KNX Touch Control Accepted
 0006:19198085

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
364	Page 6 Surface 4	Input / Output dimming	Low	CRWT--	dimming control	5/2/3 S
365	Page 6 Surface 4	Input brightness	Low	C-W---	percentage (0..100%)	5/4/3 S
367	Page 6 Surface 5	Input / Output 1 bit	Low	CRWT--	switch, switch	5/0/4 S, 5/1/4
371	Page 6 Surface 6	Input / Output ON/OFF	Low	CRWT--	switch, switch	5/0/5 S, 5/1/5
372	Page 6 Surface 6	Input / Output dimming	Low	CRWT--	dimming control	5/2/5 S
373	Page 6 Surface 6	Input brightness	Low	C-W---	percentage (0..100%)	5/4/5 S
433	Page 7 Rocker 1 Up/Down (long-term)	Output	Low	C--T--	up/down, up/down	2/5/0 S
434	Page 7 Rocker 1 Step/Stop (short press)	Output	Low	C--T--	start/stop, start/stop	2/5/1 S
435	Page 7 Rocker 1 Position	Input	Low	C-W---	percentage (0..100%)	2/5/3 S
437	Page 7 Rocker 1 Status	Input	Low	C-W---	switch	2/5/0 S
438	Page 7 Rocker 2 Up/Down (long-term)	Output	Low	C--T--	up/down, up/down	2/6/0 S
439	Page 7 Rocker 2 Step/Stop (short press)	Output	Low	C--T--	start/stop, start/stop	2/6/1 S
440	Page 7 Rocker 2 Position	Input	Low	C-W---	percentage (0..100%)	2/6/3 S
442	Page 7 Rocker 2 Status	Input	Low	C-W---	switch	2/6/0 S
451	Page 8 Surface 1	Input / Output 1 bit	Low	CRWT--	switch, switch	1/1/21 S, 1/1/22
455	Page 8 Surface 2	Input / Output text	Low	CRWT--	Character String (ASCII)	1/1/23 S
861	Scene	Input	Low	C-W---	1 byte	

■ 1.1.8 AIRZONE – ALTRA AIDOO-AZAI6KNXxxx KNX-HVAC AIRZONE GATEWAY kmachine Accepted
 3041:424E3335

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
1	Control On/Off [DPT_1.001]	0-Off, 1-On	Low	C-W---	1-bit, switch	1/1/0 S, 1/7/0
2	Control Mode [DPT_20.105]	0-Auto, 1-Heat, 3-Cool, 9-Fan, 14-Dry	Low	C-W---	1-byte, HVAC control mode	1/1/2 S
3	Control Mode Cool/Heat [DPT_1.100]	0-Cool, 1-Heat	Low	C-W---	1-bit, cooling/heating	1/7/6 S
4	Control Mode Cool & On [DPT_5.001]	0% Off, 1%-100% On + Cool	Low	C-W---	8-bit unsigned value, percentage (0..100%)	
5	Control Mode Heat & On [DPT_5.001]	0% Off, 1%-100% On + Heat	Low	C-W---	8-bit unsigned value, percentage (0..100%)	
6	Control Mode Auto [DPT_1.002]	1-Auto	Low	C-W---	1-bit, boolean	1/1/9 S
7	Control Mode Heat [DPT_1.002]	1-Heat	Low	C-W---	1-bit, boolean	1/1/11 S
8	Control Mode Cool [DPT_1.002]	1-Cool	Low	C-W---	1-bit, boolean	1/1/13 S
9	Control Mode Fan [DPT_1.002]	1-Fan	Low	C-W---	1-bit, boolean	1/1/15 S

Topology BOUDROS

Address Description Serial Number Comments Installation Notes	Manufacturer	Order Number	Product	Application	Status
	Room			Trade	

1.1 TP Line #1

Basement & Ground Floor

1.1.8 AIRZONE – ALTRA AIDOO- KNX-HVAC AIRZONE GATEWAY kmachine Accepted
AZAI6KNXxxx
3041:424E3335

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
10	Control Mode Dry [DPT_1.002]	1-Dry	Low	C-W---	1-bit, boolean	1/1/17 S
11	Control Mode +/- [DPT_1.007]	0-Decrease, 1-Increase	Low	C-W---	1-bit, step	
12	Control Fan Speed/3 Speeds [DPT 5.010]	1 Speed1, 2 Speed2, 3 Speed3	Low	C-W---	8-bit unsigned value, counter pulses (0..255)	1/1/4 S
13	Control Fan Speed Man/Auto [DPT 1.002]	1-Auto	Low	C-W---	1-bit, boolean	
14	Control Fan Speed 1 [DPT 1.002]	1-Set Fan Speed 1	Low	C-W---	1-bit, boolean	
15	Control Fan Speed 2 [DPT 1.002]	1-Set Fan Speed 2	Low	C-W---	1-bit, boolean	
16	Control Fan Speed 3 [DPT 1.002]	1-Set Fan Speed 3	Low	C-W---	1-bit, boolean	
17	Control Fan Speed +/- [DPT 1.007]	0-Decrease, 1-Increase	Low	C-W---	1-bit, step	1/1/25 S
18	Control Vanes U-D/5 pos [DPT 5.001]	0%-29% Pos1, 30%-49% Pos2, 50%-69% Pos3, 70% -89% Pos4, 90%-100% Pos5	Low	C-W---	8-bit unsigned value, percentage (0..100%)	
19	Control Vanes U-D Standby [DPT 1.002]	0-Off, 1-Standby	Low	C-W---	1-bit, boolean	
20	Control Vanes U-D Pos1 [DPT 1.002]	1-Set position 1	Low	C-W---	1-bit, boolean	
21	Control Vanes U-D Pos2 [DPT 1.002]	1-Set position 2	Low	C-W---	1-bit, boolean	
22	Control Vanes U-D Pos3 [DPT 1.002]	1-Set position 3	Low	C-W---	1-bit, boolean	
23	Control Vanes U-D Pos4 [DPT 1.002]	1-Set position 4	Low	C-W---	1-bit, boolean	
24	Control Vanes U-D Pos5 [DPT 1.002]	1-Set position 5	Low	C-W---	1-bit, boolean	
25	Control Vanes U-D swing [DPT 1.002]	0-Off, 1-Swing	Low	C-W---	1-bit, boolean	1/1/21 S
26	Control Vanes U-D +/- [DPT 1.007]	0-Decrease, 1-Increase	Low	C-W---	1-bit, step	
27	Control Setpoint Temperature [DPT 9.001]	°C	Low	C-W---	2-byte float value, temperature (°C)	1/1/6 S, 1/7/2
28	Control Setpoint Temp + /- [DPT 1.007]	0-Decrease, 1-Increase	Low	C-W---	1-bit, step	1/1/8 S
29	Control Ambient Temperature [DPT 9.001]	°C	Low	C-W---	2-byte float value, temperature (°C)	
30	Control Setpoint limitation [DPT 1.001]	0-Disable, 1-Enable	Low	C-W---	1-bit, switch	

Topology BOUDROS

Address Description	Manufacturer	Order Number	Product	Application	Status
Serial Number	Room			Trade	
Comments					
Installation Notes					

+ 1.1 TP Line #1
 Basement & Ground Floor

■ 1.1.8 AIRZONE – ALTRA AIDOO-AZAI6KNXxxx KNX-HVAC AIRZONE GATEWAY kmachine Accepted
 3041:424E3335

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
31	Control Reset Filter [DPT 1.015]	1-Reset filter	Low	C-W---	1-bit, reset	
32	Control Window Contact Status [DPT 1.009]	0-Open, 1-Closed	Low	C-W---	1-bit, open/close	
33	Control Switch Off timeout [DPT 1.010]	0-Stop, 1-Start	Low	C-W---	1-bit, start/stop	
34	Control Occupancy [DPT 1.018]	0-Not occupied, 1-Occupied	Low	C-W---	1-bit, occupancy	
35	Control Sleep Timeout [DPT 1.010]	0-Stop, 1-Start	Low	C-W---	1-bit, start/stop	
36	Control Lock Control Objects [DPT 1.002]	0-Unlocked, 1-Locked	Low	C-W---	1-bit, boolean	
37	Control Save/ Scene [DPT 18.001]	0 to 4 - Exec Scene 1 to 5, 128 to 132 Save Scene 1 to 5	Low	C-W---	scene control, scene control	
51	Status On/Off [DPT_1.001]	0-Off, 1-On	Low	CR-T--	1-bit, switch	1/1/1 S
52	Status Mode [DPT_20.105]	0-Auto, 1-Heat, 3-Cool, 9-Fan, 14-Dry	Low	CR-T--	1-byte, HVAC control mode	1/1/3 S
53	Status Mode Cool/Heat [DPT 1.100]	0-Cool, 1-Heat	Low	CR-T--	1-bit, cooling/heating	1/7/7 S
54	Status Mode Auto [DPT 1.002]	1-Auto	Low	CR-T--	1-bit, boolean	1/1/10 S
55	Status Mode Heat [DPT 1.002]	1-Heat	Low	CR-T--	1-bit, boolean	1/1/12 S
56	Status Mode Cool [DPT 1.002]	1-Cool	Low	CR-T--	1-bit, boolean	1/1/14 S
57	Status Mode Fan [DPT 1.002]	1-Fan	Low	CR-T--	1-bit, boolean	1/1/16 S
58	Status Mode Dry [DPT 1.002]	1-Dry	Low	CR-T--	1-bit, boolean	1/1/17 S
59	Status Mode Text [DPT 16.001]	ASCII String	Low	CR-T--	character string, Character String (ISO 8859-1)	
60	Status Fan Speed / 3 Speeds [DPT 5.010]	1-Speed1, 2-Speed2, 3-Speed3	Low	CR-T--	8-bit unsigned value, counter pulses (0..255)	1/1/5 S
61	Status Fan Speed Manual/Auto [DPT 1.002]	0-Manual, 1-Auto	Low	CR-T--	1-bit, boolean	
62	Status Fan Speed 1 [DPT 1.002]	1-Fan is in speed 1	Low	CR-T--	1-bit, boolean	
63	Status Fan Speed 2 [DPT 1.002]	1-Fan is in speed 2	Low	CR-T--	1-bit, boolean	
64	Status Fan Speed 3 [DPT 1.002]	1-Fan is in speed 3	Low	CR-T--	1-bit, boolean	

Topology BOUDROS

Address Description Serial Number Comments Installation Notes	Manufacturer	Order Number	Product	Application	Status
	Room			Trade	

1.1 TP Line #1

Basement & Ground Floor

1.1.8 AIRZONE – ALTRA AIDOO-
AZAI6KNXxxx KNX-HVAC AIRZONE GATEWAY kmachine Accepted
3041:424E3335

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
65	Status Fan Speed Text [DPT 16.001]	ASCII String	Low	CR-T--	character string, Character String (ISO 8859-1)	1/1/24 S
66	Status Vanes U-D/5Pos [DPT 5.001]	20%-Pos1, 40%-Pos2, 60%-Pos3, 80%-Pos4, 100%-Pos5	Low	CR-T--	8-bit unsigned value, percentage (0..100%)	
67	Status Vanes U-D Standby [DPT 1.002]	0-Off, 1-Standby	Low	CR-T--	1-bit, boolean	
68	Status Vanes U-D Pos1 [DPT 1.002 1 - bit]	1-Position 1	Low	CR-T--	1-bit, boolean	
69	Status Vanes U-D Pos2 [DPT 1.002 1 - bit]	1-Position 2	Low	CR-T--	1-bit, boolean	
70	Status Vanes U-D Pos3 [DPT 1.002 1 - bit]	1-Position 3	Low	CR-T--	1-bit, boolean	
71	Status Vanes U-D Pos4 [DPT 1.002 1 - bit]	1-Position 4	Low	CR-T--	1-bit, boolean	
72	Status Vanes U-D Pos5 [DPT 1.002 1 - bit]	1-Position 5	Low	CR-T--	1-bit, boolean	
73	Status Vanes U-D Swing [DPT 1.002 1 - bit]	0-Off, 1-Swing	Low	CR-T--	1-bit, boolean	1/1/22 S
74	Status Vanes U-D Text [DPT 16.001]	ASCII String	Low	CR-T--	character string, Character String (ISO 8859-1)	1/1/23 S
75	Status AC Setpoint Temp [DPT 9.001]	°C	Low	CR-T--	2-byte float value, temperature (°C)	1/1/7 S
76	Status AC Return Temp [DPT 9.001]	°C	Low	CR-T--	2-byte float value, temperature (°C)	1/1/20 S
77	Internal probe temperature [DPT 9.001]	°C	Low	CR-T--	2-byte float value, temperature (°C)	
78	External probe temperature [DPT 9.001]	°C	Low	CR-T--	2-byte float value, temperature (°C)	
79	Status Reset Filter [DPT 1.002]	0-No Alarm, 1-Alarm	Low	CR-T--	1-bit, boolean	
80	Status setpoint Limitation [DPT 1.001]	0-Disable, 1-Enable	Low	CR-T--	1-bit, switch	
81	Status Error/Alarm [DPT 1.005]	0-No Alarm, 1-Alarm	Low	CR-T--	1-bit, alarm	
82	Error text code [DPT 16.001]	ASCII String	Low	CR-T--	character string, Character String (ISO 8859-1)	
83	Status Operation Hour Counter [DPT 13.100]	Number of operating hours	Low	CR-T--	4-byte signed value, time lag (s)	
84	Status Lock Remote Control [DPT 1.002]	0-Unlocked, 1-Locked	Low	CR-T--	1-bit, boolean	
85	Status Lock Control Objects [DPT 1.002]	0-Unlocked, 1-Locked	Low	CR-T--	1-bit, boolean	

Topology BOUDROS

Address Description Serial Number Comments Installation Notes	Manufacturer	Order Number	Product	Application	Status
		Room		Trade	

1.1 TP Line #1
Basement & Ground Floor

1.1.8 AIRZONE – ALTRA AIDOO- KNX-HVAC AIRZONE GATEWAY kmachine Accepted
AZAI6KNXxxx
3041:424E3335

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
86	Status Current Scene [DPT 17.001]	0 to 4 Scene 1 to 5, 63 No scene	Low	CR-T--	scene number, scene number	

1.1.9 Berker 801xxxxx 2-8 fold multifunction push-button S801xxxxx V1.1 Accepted
0006:4010D54A

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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General

3	General	Alarm	Low	C-W---	alarm	
4	General	Lock-up	Low	C-W---	state	

LED management

5	LED management	Day/night	Low	C-W---	1 bit	
6	LED management	Device LED - ON/OFF	Low	C-W---	switch	
8	LED management	Direction LED - dimming value day	Low	C-W---	percentage (0..100%)	
9	LED management	Status LED - luminosity day	Low	C-W---	percentage (0..100%)	
10	LED management	Direction LED - dimming value night	Low	C-W---	percentage (0..100%)	
11	LED management	Status LED - luminosity night	Low	C-W---	percentage (0..100%)	

Push-button 1

12	Push-button 1	Separately LED object	Low	C-WTU-	switch	10/1/7 S
13	Push-button 1	Status indication ON/OFF	Low	C-WTU-	switch	10/1/7 S
18	Push-button 1	ON/OFF	Low	C--T--	switch	10/0/7 S

Push-button 2

32	Push-button 2	Separately LED object	Low	C-WTU-	switch	10/1/9 S
33	Push-button 2	Status indication ON/OFF	Low	C-WTU-	switch	10/1/9 S
38	Push-button 2	ON/OFF	Low	C--T--	switch	10/0/9 S
41	Push-button 2	Dimming	Low	C--T--	dimming control	10/2/9 S

Push-button 3

52	Push-button 3	Separately LED object	Low	C-WTU-	switch	10/1/3 S
53	Push-button 3	Status indication ON/OFF	Low	C-WTU-	switch	10/1/3 S
58	Push-button 3	ON/OFF	Low	C--T--	switch	10/0/3 S
61	Push-button 3	Dimming	Low	C--T--	dimming control	10/2/3 S

Push-button 4

72	Push-button 4	Separately LED object	Low	C-WTU-	switch	10/1/0 S
73	Push-button 4	Status indication ON/OFF	Low	C-WTU-	switch	10/1/0 S
78	Push-button 4	ON/OFF	Low	C--T--	switch	10/0/0 S
81	Push-button 4	Dimming	Low	C--T--	dimming control	10/2/0 S

Internal temperature sensor

Topology BOUDROS

Address Description Serial Number Comments Installation Notes	Manufacturer	Order Number	Product	Application	Status
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+ 1.1 TP Line #1
 Basement & Ground Floor

■ 1.1.9 Berker 801xxxxx 2-8 fold multifunction push-button S801xxxxx V1.1 Accepted
 0006:4010D54A

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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■ **Internal temperature sensor**

172 Internal temperature sensor Internal temperature sensor Low CR-T-- temperature (°C)

■ **External temperature sensor**

■ **Information**

■ 1.1.10 Berker 801xxxxx 2-8 fold multifunction push-button S801xxxxx V1.1 Accepted
 0006:401A2039

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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■ **General**

3 General Alarm Low C-W--- alarm
 4 General Lock-up Low C-W--- state

■ **LED management**

5 LED management Day/night Low C-W--- 1 bit
 6 LED management Device LED - ON/OFF Low C-W--- switch
 8 LED management Direction LED - dimming value day Low C-W--- percentage (0..100%)
 9 LED management Status LED - luminosity day Low C-W--- percentage (0..100%)
 10 LED management Direction LED - dimming value night Low C-W--- percentage (0..100%)
 11 LED management Status LED - luminosity night Low C-W--- percentage (0..100%)

■ **Push-button 1**

12 Push-button 1 Separately LED object Low C-WTU- switch 10/1/2 S
 13 Push-button 1 Status indication ON/OFF Low C-WTU- switch 10/1/2 S
 18 Push-button 1 ON/OFF Low C--T-- switch 10/0/2 S

■ **Push-button 2**

32 Push-button 2 Separately LED object Low C-WTU- switch 10/1/4 S
 33 Push-button 2 Status indication ON/OFF Low C-WTU- switch 10/1/4 S
 38 Push-button 2 ON/OFF Low C--T-- switch 10/0/4 S

■ **Push-button 3**

52 Push-button 3 Separately LED object Low C-WTU- switch 10/1/1 S
 53 Push-button 3 Status indication ON/OFF Low C-WTU- switch 10/1/1 S
 58 Push-button 3 ON/OFF Low C--T-- switch 10/0/1 S
 61 Push-button 3 Dimming Low C--T-- dimming control 10/2/1 S

■ **Push-button 4**

72 Push-button 4 Separately LED object Low C-WTU- switch 4/1/5 S
 73 Push-button 4 Status indication ON/OFF Low C-WTU- switch 4/1/5 S
 78 Push-button 4 ON/OFF Low C--T-- switch 4/0/5 S

Topology BOUDROS

Address Description Serial Number Comments Installation Notes	Manufacturer	Order Number	Product	Application	Status
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+ 1.1 TP Line #1
 Basement & Ground Floor

■ 1.1.10 Berker 801xxxxx 2-8 fold multifunction push-button S801xxxxx V1.1 Accepted
 0006:401A2039

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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■ **Internal temperature sensor**

172 Internal temperature sensor Internal temperature sensor Low CR-T-- temperature (°C)

■ **External temperature sensor**

■ **Information**

■ 1.1.11 Berker 801xxxxx 2-8 fold multifunction push-button S801xxxxx V1.1 Accepted
 0006:401A228B

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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■ **General**

3 General Alarm Low C-W--- alarm
 4 General Lock-up Low C-W--- state

■ **LED management**

5 LED management Day/night Low C-W--- 1 bit
 6 LED management Device LED - ON/OFF Low C-W--- switch
 8 LED management Direction LED - dimming value day Low C-W--- percentage (0..100%)
 9 LED management Status LED - luminosity day Low C-W--- percentage (0..100%)
 10 LED management Direction LED - dimming value night Low C-W--- percentage (0..100%)
 11 LED management Status LED - luminosity night Low C-W--- percentage (0..100%)

■ **Push-button 1**

12 Push-button 1 Separately LED object Low C-WTU- switch 10/1/19 S
 13 Push-button 1 Status indication ON/OFF Low C-WTU- switch 10/1/19 S
 18 Push-button 1 ON/OFF Low C--T-- switch 10/0/19 S

■ **Push-button 2**

32 Push-button 2 Separately LED object Low C-WTU- switch 10/1/21 S
 33 Push-button 2 Status indication ON/OFF Low C-WTU- switch 10/1/21 S
 38 Push-button 2 ON/OFF Low C--T-- switch 10/0/21 S

■ **Push-button 3**

52 Push-button 3 Separately LED object Low C-WTU- switch 10/1/20 S
 53 Push-button 3 Status indication ON/OFF Low C-WTU- switch 10/1/20 S
 58 Push-button 3 ON/OFF Low C--T-- switch 10/0/20 S

■ **Push-button 4**

72 Push-button 4 Separately LED object Low C-WTU- switch 10/1/5 S
 73 Push-button 4 Status indication ON/OFF Low C-WTU- switch 10/1/5 S
 78 Push-button 4 ON/OFF Low C--T-- switch 10/0/5 S
 81 Push-button 4 Dimming Low C--T-- dimming control 10/2/5 S

Topology BOUDROS

Address Description Serial Number Comments Installation Notes	Manufacturer	Order Number	Product	Application	Status
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1.1 TP Line #1
Basement & Ground Floor

1.1.11 Berker 801xxxxx 2-8 fold multifunction push-button S801xxxxx V1.1 Accepted
0006:401A228B

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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Internal temperature sensor

172 Internal temperature sensor Internal temperature sensor Low CR-T-- temperature (°C)

External temperature sensor

Information

1.1.12 Berker 801xxxxx 2-8 fold multifunction push-button S801xxxxx V1.1 Accepted
0006:401A202D

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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General

3 General Alarm Low C-W--- alarm
4 General Lock-up Low C-W--- state

LED management

5 LED management Day/night Low C-W--- 1 bit
6 LED management Device LED - ON/OFF Low C-W--- switch
8 LED management Direction LED - dimming value day Low C-W--- percentage (0..100%)
9 LED management Status LED - luminosity day Low C-W--- percentage (0..100%)
10 LED management Direction LED - dimming value night Low C-W--- percentage (0..100%)
11 LED management Status LED - luminosity night Low C-W--- percentage (0..100%)

Push-button 1

12 Push-button 1 Separately LED object Low C-WTU- switch 10/1/14 S
13 Push-button 1 Status indication ON/OFF Low C-WTU- switch 10/1/14 S
18 Push-button 1 ON/OFF Low C--T-- switch 10/0/14 S
21 Push-button 1 Dimming Low C--T-- dimming control 10/2/14 S

Push-button 2

32 Push-button 2 Separately LED object Low C-WTU- switch 10/1/15 S
33 Push-button 2 Status indication ON/OFF Low C-WTU- switch 10/1/15 S
38 Push-button 2 ON/OFF Low C--T-- switch 10/0/15 S

Push-button 3

52 Push-button 3 Separately LED object Low C-WTU- switch 10/1/16 S
53 Push-button 3 Status indication ON/OFF Low C-WTU- switch 10/1/16 S
58 Push-button 3 ON/OFF Low C--T-- switch 10/0/16 S

Push-button 4

Internal temperature sensor

172 Internal temperature sensor Internal temperature sensor Low CR-T-- temperature (°C)

Topology BOUDROS

Address	Manufacturer	Order Number	Product	Application	Status
Description					
Serial Number		Room		Trade	
Comments					
Installation Notes					

1.1 TP Line #1
Basement & Ground Floor

1.1.12 Berker 801xxxxx 2-8 fold multifunction push-button S801xxxxx V1.1 Accepted
0006:401A202D

#	Name	Object Function	Priority	Flags	Data Type	Group Addresses
	Description					

External temperature sensor

Information

1.1.13 Berker 801xxxxx 2-8 fold multifunction push-button S801xxxxx V1.1 Accepted
0006:401A201F

#	Name	Object Function	Priority	Flags	Data Type	Group Addresses
	Description					

General

3	General	Alarm	Low	C-W---	alarm	
4	General	Lock-up	Low	C-W---	state	

LED management

5	LED management	Day/night	Low	C-W---	1 bit	
6	LED management	Device LED - ON/OFF	Low	C-W---	switch	
8	LED management	Direction LED - dimming value day	Low	C-W---	percentage (0..100%)	
9	LED management	Status LED - luminosity day	Low	C-W---	percentage (0..100%)	
10	LED management	Direction LED - dimming value night	Low	C-W---	percentage (0..100%)	
11	LED management	Status LED - luminosity night	Low	C-W---	percentage (0..100%)	

Push-button 1

12	Push-button 1	Separately LED object	Low	C-WTU-	switch	10/1/18 S
13	Push-button 1	Status indication ON/OFF	Low	C-WTU-	switch	10/1/18 S
18	Push-button 1	ON/OFF	Low	C--T--	switch	10/0/18 S

Push-button 2

38	Push-button 2	Up/down	Low	C--T--	up/down	24/0/3 S
39	Push-button 2	Stop (short press)	Low	C--T--	trigger	24/1/3 S

Push-button 3

52	Push-button 3	Separately LED object	Low	C-WTU-	switch	10/1/15 S
53	Push-button 3	Status indication ON/OFF	Low	C-WTU-	switch	10/1/15 S
58	Push-button 3	ON/OFF	Low	C--T--	switch	10/0/15 S

Push-button 4

Internal temperature sensor

172	Internal temperature sensor	Internal temperature sensor	Low	CR-T--	temperature (°C)	
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External temperature sensor

Information

Topology BOUDROS

Address Description Serial Number Comments Installation Notes	Manufacturer	Order Number	Product	Application	Status
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+ 1.1 TP Line #1
 Basement & Ground Floor

■ 1.1.14 Berker 801xxxxx 2-8 fold multifunction push-button S801xxxxx V1.1 Accepted
 0006:401A2172

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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■ **General**

3	General	Alarm	Low	C-W---	alarm	
4	General	Lock-up	Low	C-W---	state	

■ **LED management**

5	LED management	Day/night	Low	C-W---	1 bit	
6	LED management	Device LED - ON/OFF	Low	C-W---	switch	
8	LED management	Direction LED - dimming value day	Low	C-W---	percentage (0..100%)	
9	LED management	Status LED - luminosity day	Low	C-W---	percentage (0..100%)	
10	LED management	Direction LED - dimming value night	Low	C-W---	percentage (0..100%)	
11	LED management	Status LED - luminosity night	Low	C-W---	percentage (0..100%)	

■ **Push-button 1**

12	Push-button 1	Separately LED object	Low	C-WTU-	switch	
13	Push-button 1	Status indication ON/OFF	Low	C-WTU-	switch	
18	Push-button 1	ON/OFF	Low	C--T--	switch	
21	Push-button 1	Dimming	Low	C--T--	dimming control	

■ **Push-button 2**

32	Push-button 2	Separately LED object	Low	C-WTU-	switch	
33	Push-button 2	Status indication ON/OFF	Low	C-WTU-	switch	
38	Push-button 2	ON/OFF	Low	C--T--	switch	
41	Push-button 2	Dimming	Low	C--T--	dimming control	

■ **Push-button 3**

52	Push-button 3	Separately LED object	Low	C-WTU-	switch	
53	Push-button 3	Status indication ON/OFF	Low	C-WTU-	switch	
58	Push-button 3	ON/OFF	Low	C--T--	switch	

■ **Push-button 4**

72	Push-button 4	Separately LED object	Low	C-WTU-	switch	
73	Push-button 4	Status indication ON/OFF	Low	C-WTU-	switch	
78	Push-button 4	ON/OFF	Low	C--T--	switch	
81	Push-button 4	Dimming	Low	C--T--	dimming control	

■ **Push-button 5**

■ **Push-button 6**

118	Push-button 6	ON/OFF	Low	C--T--	switch	
121	Push-button 6	Dimming	Low	C--T--	dimming control	

■ **Push-button 7**

■ **Push-button 8**

152	Push-button 8	Separately LED object	Low	C-WTU-	switch	
153	Push-button 8	Status indication ON/OFF	Low	C-WTU-	switch	

Topology BOUDROS

Address Description Serial Number Comments Installation Notes	Manufacturer	Order Number	Product	Application	Status
		Room		Trade	

1.1 TP Line #1
 Basement & Ground Floor

1.1.14 Berker 801xxxxx 2-8 fold multifunction push-button S801xxxxx V1.1 Accepted
 0006:401A2172

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
Push-button 8						
158	Push-button 8	ON/OFF	Low	C--T--	switch	
Internal temperature sensor						
172	Internal temperature sensor	Internal temperature sensor	Low	CR-T--	temperature (°C)	

External temperature sensor

Information

1.1.15 Berker 801xxxxx 2-8 fold multifunction push-button S801xxxxx V1.1 Accepted
 0006:401A2168

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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General

3	General	Alarm	Low	C-W---	alarm	
4	General	Lock-up	Low	C-W---	state	

LED management

5	LED management	Day/night	Low	C-W---	1 bit	
6	LED management	Device LED - ON/OFF	Low	C-W---	switch	
8	LED management	Direction LED - dimming value day	Low	C-W---	percentage (0..100%)	
9	LED management	Status LED - luminosity day	Low	C-W---	percentage (0..100%)	
10	LED management	Direction LED - dimming value night	Low	C-W---	percentage (0..100%)	
11	LED management	Status LED - luminosity night	Low	C-W---	percentage (0..100%)	

Push-button 1

12	Push-button 1	Separately LED object	Low	C-WTU-	switch	10/1/12 S
13	Push-button 1	Status indication ON/OFF	Low	C-WTU-	switch	10/1/12 S
18	Push-button 1	ON/OFF	Low	C--T--	switch	10/0/12 S

Push-button 2

38	Push-button 2	Up/down	Low	C--T--	up/down	24/0/2 S
39	Push-button 2	Stop (short press)	Low	C--T--	trigger	24/1/2 S

Push-button 3

52	Push-button 3	Separately LED object	Low	C-WTU-	switch	10/1/6 S
53	Push-button 3	Status indication ON/OFF	Low	C-WTU-	switch	10/1/6 S
58	Push-button 3	ON/OFF	Low	C--T--	switch	10/0/6 S
61	Push-button 3	Dimming	Low	C--T--	dimming control	10/2/6 S

Push-button 4

72	Push-button 4	Separately LED object	Low	C-WTU-	switch	10/1/5 S
73	Push-button 4	Status indication ON/OFF	Low	C-WTU-	switch	10/1/5 S

Topology BOUDROS

Address Description Serial Number Comments Installation Notes	Manufacturer	Order Number	Product	Application	Status
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+ 1.1 TP Line #1
 Basement & Ground Floor

+ 1.1.15 Berker 801xxxxx 2-8 fold multifunction push-button S801xxxxx V1.1 Accepted
 0006:401A2168

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
Push-button 4						
78	Push-button 4	ON/OFF	Low	C--T--	switch	10/0/5 S
81	Push-button 4	Dimming	Low	C--T--	dimming control	10/2/5 S
Internal temperature sensor						
172	Internal temperature sensor	Internal temperature sensor	Low	CR-T--	temperature (°C)	

External temperature sensor

Information

+ 1.1.16 Berker 801xxxxx 2-8 fold multifunction push-button S801xxxxx V1.1 Accepted
 0006:401A2159

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
General						
3	General	Alarm	Low	C-W---	alarm	
4	General	Lock-up	Low	C-W---	state	
LED management						
5	LED management	Day/night	Low	C-W---	1 bit	
6	LED management	Device LED - ON/OFF	Low	C-W---	switch	
8	LED management	Direction LED - dimming value day	Low	C-W---	percentage (0..100%)	
9	LED management	Status LED - luminosity day	Low	C-W---	percentage (0..100%)	
10	LED management	Direction LED - dimming value night	Low	C-W---	percentage (0..100%)	
11	LED management	Status LED - luminosity night	Low	C-W---	percentage (0..100%)	
Push-button 1						
12	Push-button 1	Separately LED object	Low	C-WTU-	switch	10/1/10 S
13	Push-button 1	Status indication ON/OFF	Low	C-WTU-	switch	10/1/10 S
18	Push-button 1	ON/OFF	Low	C--T--	switch	10/0/10 S
Push-button 2						
38	Push-button 2	Up/down	Low	C--T--	up/down	24/0/1 S
39	Push-button 2	Stop (short press)	Low	C--T--	trigger	24/1/1 S
Push-button 3						
52	Push-button 3	Separately LED object	Low	C-WTU-	switch	10/1/9 S
53	Push-button 3	Status indication ON/OFF	Low	C-WTU-	switch	10/1/9 S
58	Push-button 3	ON/OFF	Low	C--T--	switch	10/0/9 S
61	Push-button 3	Dimming	Low	C--T--	dimming control	10/2/9 S
Push-button 4						
78	Push-button 4	Up/down	Low	C--T--	up/down	24/0/0 S

Topology BOUDROS

Address Description Serial Number Comments Installation Notes	Manufacturer	Order Number	Product	Application	Status
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+ 1.1 TP Line #1
 Basement & Ground Floor

■ 1.1.16 Berker 801xxxxx 2-8 fold multifunction push-button S801xxxxx V1.1 Accepted
 0006:401A2159

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
Push-button 4						
79	Push-button 4	Stop (short press)	Low	C--T--	trigger	24/1/0 S
Internal temperature sensor						
172	Internal temperature sensor	Internal temperature sensor	Low	CR-T--	temperature (°C)	

External temperature sensor

Information

■ 1.1.17 Berker 801xxxxx 2-8 fold multifunction push-button S801xxxxx V1.1 Accepted
 0006:401A213A

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
General						
3	General	Alarm	Low	C-W---	alarm	
4	General	Lock-up	Low	C-W---	state	
LED management						
5	LED management	Day/night	Low	C-W---	1 bit	
6	LED management	Device LED - ON/OFF	Low	C-W---	switch	
8	LED management	Direction LED - dimming value day	Low	C-W---	percentage (0..100%)	
9	LED management	Status LED - luminosity day	Low	C-W---	percentage (0..100%)	
10	LED management	Direction LED - dimming value night	Low	C-W---	percentage (0..100%)	
11	LED management	Status LED - luminosity night	Low	C-W---	percentage (0..100%)	

Push-button 1

12	Push-button 1	Separately LED object	Low	C-WTU-	switch	10/1/11 S
13	Push-button 1	Status indication ON/OFF	Low	C-WTU-	switch	10/1/11 S
18	Push-button 1	ON/OFF	Low	C--T--	switch	10/0/11 S

Push-button 2

Push-button 3

52	Push-button 3	Separately LED object	Low	C-WTU-	switch	10/1/10 S
53	Push-button 3	Status indication ON/OFF	Low	C-WTU-	switch	10/1/10 S
58	Push-button 3	ON/OFF	Low	C--T--	switch	10/0/10 S

Push-button 4

72	Push-button 4	Separately LED object	Low	C-WTU-	switch	10/1/9 S
73	Push-button 4	Status indication ON/OFF	Low	C-WTU-	switch	10/1/9 S
78	Push-button 4	ON/OFF	Low	C--T--	switch	10/0/9 S
81	Push-button 4	Dimming	Low	C--T--	dimming control	10/2/9 S

Topology BOUDROS

Address Description Serial Number Comments Installation Notes	Manufacturer	Order Number	Product	Application	Status
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+ 1.1 TP Line #1
 Basement & Ground Floor

■ 1.1.17 Berker 801xxxxx 2-8 fold multifunction push-button S801xxxxx V1.1 Accepted
 0006:401A213A

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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■ **Internal temperature sensor**

172 Internal temperature sensor Internal temperature sensor Low CR-T-- temperature (°C)

■ **External temperature sensor**

■ **Information**

■ 1.1.18 Berker 801xxxxx 2-8 fold multifunction push-button S801xxxxx V1.1 Accepted
 0006:401A214C

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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■ **General**

3 General Alarm Low C-W--- alarm
 4 General Lock-up Low C-W--- state

■ **LED management**

5 LED management Day/night Low C-W--- 1 bit
 6 LED management Device LED - ON/OFF Low C-W--- switch
 8 LED management Direction LED - dimming value day Low C-W--- percentage (0..100%)
 9 LED management Status LED - luminosity day Low C-W--- percentage (0..100%)
 10 LED management Direction LED - dimming value night Low C-W--- percentage (0..100%)
 11 LED management Status LED - luminosity night Low C-W--- percentage (0..100%)

■ **Push-button 1**

12 Push-button 1 Separately LED object Low C-WTU- switch 5/1/21 S
 13 Push-button 1 Status indication ON/OFF Low C-WTU- switch 5/1/21 S
 18 Push-button 1 ON/OFF Low C--T-- switch 5/0/21 S
 21 Push-button 1 Dimming Low C--T-- dimming control 5/2/21 S

■ **Push-button 2**

■ **Push-button 3**

58 Push-button 3 Up/down Low C--T-- up/down 2/6/0 S
 59 Push-button 3 Stop (short press) Low C--T-- trigger 2/6/1 S

■ **Push-button 4**

72 Push-button 4 Separately LED object Low C-WTU- switch
 73 Push-button 4 Status indication ON/OFF Low C-WTU- switch
 78 Push-button 4 ON/OFF Low C--T-- switch
 81 Push-button 4 Dimming Low C--T-- dimming control

■ **Internal temperature sensor**

172 Internal temperature sensor Internal temperature sensor Low CR-T-- temperature (°C)

Topology BOUDROS

Address Description Serial Number Comments Installation Notes	Manufacturer	Order Number	Product	Application	Status
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+ 1.1 TP Line #1
 Basement & Ground Floor

1.1.18	Berker	801xxxxx	2-8 fold multifunction push-button	S801xxxxx V1.1	Accepted
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0006:401A214C

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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▢ **External temperature sensor**

▢ **Information**

1.1.19	Berker	801xxxxx	2-8 fold multifunction push-button	S801xxxxx V1.1	Accepted
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0006:401A2150

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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▢ **General**

3	General	Alarm	Low	C-W---	alarm
4	General	Lock-up	Low	C-W---	state

▢ **LED management**

5	LED management	Day/night	Low	C-W---	1 bit
6	LED management	Device LED - ON/OFF	Low	C-W---	switch
8	LED management	Direction LED - dimming value day	Low	C-W---	percentage (0..100%)
9	LED management	Status LED - luminosity day	Low	C-W---	percentage (0..100%)
10	LED management	Direction LED - dimming value night	Low	C-W---	percentage (0..100%)
11	LED management	Status LED - luminosity night	Low	C-W---	percentage (0..100%)

▢ **Push-button 1**

12	Push-button 1	Separately LED object	Low	C-WTU-	switch	5/1/22 S
13	Push-button 1	Status indication ON/OFF	Low	C-WTU-	switch	5/1/22 S
18	Push-button 1	ON/OFF	Low	C--T--	switch	5/0/22 S
21	Push-button 1	Dimming	Low	C--T--	dimming control	5/2/22 S

▢ **Push-button 2**

▢ **Push-button 3**

52	Push-button 3	Separately LED object	Low	C-WTU-	switch
53	Push-button 3	Status indication ON/OFF	Low	C-WTU-	switch
58	Push-button 3	ON/OFF	Low	C--T--	switch

▢ **Push-button 4**

72	Push-button 4	Separately LED object	Low	C-WTU-	switch
73	Push-button 4	Status indication ON/OFF	Low	C-WTU-	switch
78	Push-button 4	ON/OFF	Low	C--T--	switch
81	Push-button 4	Dimming	Low	C--T--	dimming control

▢ **Internal temperature sensor**

172	Internal temperature sensor	Internal temperature sensor	Low	CR-T--	temperature (°C)
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▢ **External temperature sensor**

Topology BOUDROS

Address	Manufacturer	Order Number	Product	Application	Status
Description					
Serial Number		Room		Trade	
Comments					
Installation Notes					

+ 1.1 TP Line #1
 Basement & Ground Floor

■ 1.1.19 Berker 801xxxxx 2-8 fold multifunction push-button S801xxxxx V1.1 Accepted
 0006:401A2150

#	Name	Object Function	Priority	Flags	Data Type	Group Addresses
Description						

■ **Information**

■ 1.1.20 Berker 754413xx KNX CO2 sensor KNX CO2 sensor V1 Accepted
 000A:3EDB0D16

#	Name	Object Function	Priority	Flags	Data Type	Group Addresses
Description						
0	B.Channel 1	Switching object 1.1	Low	C-WT--	1 bit	
1	B.Channel 2	Switching object 2.1	Low	C-WT--	1 bit	
2	B.Channel 1	Switching object 1.2	Low	C-WT--	1 bit	
3	B.Channel 2	Switching object 2.2	Low	C-WT--	1 bit	
23	R.Output	Actual temperature	Low	CR-T--	2 bytes	1/0/21 S
26	R.Input	Basic setpoint	Low	C-W---	2 bytes	
28	R.Input	Operating mode switchover	Low	C-WT--	1 byte	
32	R.Input	Operating mode forced-control	Low	C-WT--	1 byte	
33	R.Input / Output	Presence object	Low	C-WT--	1 bit	
34	R.Input	Window status	Low	C-W---	1 bit	
36	R.Output	KNX status operating mode	Low	C--T--	1 byte	
42	R.Output	Cmd. value for heating	Low	C--T--	1 byte	
50	R.Output	Setpoint temperature	Low	CR-T--	2 bytes	
52	R.Output	Current setpoint shift	Low	CR-T--	1 byte	
53	R.Input	Setpoint shift specification	Low	C-W---	1 byte	
55	R.Output	KNX status	Low	C--T--	2 bytes	
56	R.Output	KNX status forced oper. mode	Low	C--T--	1 byte	
59	R.Output	Actual temp. not adjusted	Low	CR-T--	2 bytes	
80	S.Temperature	Measured value	Low	CR-T--	2 bytes	19/6/0 S
81	S.Humidity	Measured value	Low	CR-T--	2 bytes	19/6/1 S
82	S.CO2	Measured value	Low	CR-T--	2 bytes	19/6/2 S
83	S.Dew point	Temperature	Low	CR-T--	2 bytes	19/6/3 S
108	S.Dew point alarm	Switching	Low	CR-T--	1 bit	
110	S.Temperature	Sensor fault	Low	CR-T--	1 bit	
111	S.Humidity	Sensor fault	Low	CR-T--	1 bit	
112	S.CO2	Sensor fault	Low	CR-T--	1 bit	

■ 1.1.21 Berker 754413xx KNX CO2 sensor KNX CO2 sensor V1 Accepted
 000A:0E800616

#	Name	Object Function	Priority	Flags	Data Type	Group Addresses
Description						
0	B.Channel 1	Switching object 1.1	Low	C-WT--	1 bit	
1	B.Channel 2	Switching object 2.1	Low	C-WT--	1 bit	
2	B.Channel 1	Switching object 1.2	Low	C-WT--	1 bit	

Topology BOUDROS

Address Description Serial Number Comments Installation Notes	Manufacturer	Order Number	Product	Application	Status
		Room		Trade	

1.1 TP Line #1
Basement & Ground Floor

1.1.21 Berker 754413xx KNX CO2 sensor KNX CO2 sensor V1 Accepted
000A:0E800616

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
3	B.Channel 2	Switching object 2.2	Low	C-WT--	1 bit	
23	R.Output	Actual temperature	Low	CR-T--	2 bytes	
26	R.Input	Basic setpoint	Low	C-W---	2 bytes	
28	R.Input	Operating mode switchover	Low	C-WT--	1 byte	
32	R.Input	Operating mode forced- control	Low	C-WT--	1 byte	
33	R.Input / Output	Presence object	Low	C-WT--	1 bit	
34	R.Input	Window status	Low	C-W---	1 bit	
36	R.Output	KNX status operating mode	Low	C--T--	1 byte	
42	R.Output	Cmd. value for heating	Low	C--T--	1 byte	
50	R.Output	Setpoint temperature	Low	CR-T--	2 bytes	
52	R.Output	Current setpoint shift	Low	CR-T--	1 byte	
53	R.Input	Setpoint shift specification	Low	C-W---	1 byte	
55	R.Output	KNX status	Low	C--T--	2 bytes	
56	R.Output	KNX status forced oper. mode	Low	C--T--	1 byte	
59	R.Output	Actual temp. not adjusted	Low	CR-T--	2 bytes	
80	S.Temperature	Measured value	Low	CR-T--	2 bytes	19/1/0 S
81	S.Humidity	Measured value	Low	CR-T--	2 bytes	19/1/1 S
82	S.CO2	Measured value	Low	CR-T--	2 bytes	19/1/2 S
83	S.Dew point	Temperature	Low	CR-T--	2 bytes	19/1/3 S
108	S.Dew point alarm	Switching	Low	CR-T--	1 bit	
110	S.Temperature	Sensor fault	Low	CR-T--	1 bit	
111	S.Humidity	Sensor fault	Low	CR-T--	1 bit	
112	S.CO2	Sensor fault	Low	CR-T--	1 bit	

1.1.22 Hager Electro TXF121 KNX Interface for energy meters STXF121 Accepted
0009:403A6479

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
General						
257	General	Tariff	Low	CR-T-I	tariff (0..255)	
258	General	Date	Low	C-WTUI	date	31/0/0 S
259	General	Time	Low	C-WTUI	time of day	31/0/1 S
261	General	Date and time request	Low	CR-T--	trigger	
262	General	Device LED switch off	Low	C-WTU-	switch	
263	General	Wrong meter type	Low	CR-T--	alarm	
264	General	Meter communication loss	Low	CR-T--	alarm	
265	General	Net frequency	Low	CR-T-I	frequency (Hz)	27/0/10 S
266	General	Meter serial number	Low	CR-T--	Character String (ASCII)	
267	General	Phase sequence error	Low	CR-T--	alarm	

Topology BOUDROS

Address Description	Manufacturer	Order Number	Product	Application	Status
Serial Number	Room	Trade			
Comments					
Installation Notes					

1.1 TP Line #1

Basement & Ground Floor

1.1.22 Hager Electro TXF121 KNX Interface for energy meters STXF121 Accepted
0009:403A6479

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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PHASE #1

1	PHASE #1	Tariff	Low	CRWTU-	tariff (0..255)	
2	PHASE #1	Active power	Low	CR-T--	power (W)	27/0/0 S
3	PHASE #1	Apparent power	Low	CR-T--	4-byte float value	
4	PHASE #1	Reactive power	Low	CR-T--	4-byte float value	
6	PHASE #1	Total imported active energy T1	Low	CR-T--	active energy (Wh)	
7	PHASE #1	Total imported active energy T2	Low	CR-T--	active energy (Wh)	
8	PHASE #1	Total imported active energy T1 + T2	Low	CR-T--	active energy (Wh)	
22	PHASE #1	Partial imported active energy T1	Low	CR-T--	active energy (Wh)	
23	PHASE #1	Partial imported active energy T2	Low	CR-T--	active energy (Wh)	
24	PHASE #1	Partial imported active energy T1 + T2	Low	CR-T--	active energy (Wh)	
37	PHASE #1	Voltage	Low	CR-T--	electric potential (V)	
38	PHASE #1	Current	Low	CR-T--	electric current (A)	27/0/27 S
39	PHASE #1	Power factor	Low	CR-T--	power factor (cos Φ)	27/0/14 S
40	PHASE #1	Energy direction	Low	CR-T--	1-bit	
41	PHASE #1	Reactive energy type	Low	CR-T--	1-bit	
42	PHASE #1	Active power timestamped	Low	CR-T--	12 bytes	
43	PHASE #1	Apparent power timestamped	Low	CR-T--	12 bytes	
44	PHASE #1	Reactive power timestamped	Low	CR-T--	12 bytes	
53	PHASE #1	Voltage timestamped	Low	CR-T--	12 bytes	
54	PHASE #1	Current timestamped	Low	CR-T--	12 bytes	
55	PHASE #1	Power factor timestamped	Low	CR-T--	12 bytes	
56	PHASE #1	Energy direction timestamped	Low	CR-T--	9 bytes	
57	PHASE #1	Reactive energy type timestamped	Low	CR-T--	9 bytes	
58	PHASE #1	Dynamic mode activation	Low	C-WTU-	enable	
59	PHASE #1	Partial meter reset	Low	C-WTU-	reset	27/0/3 S
60	PHASE #1	History request	Low	C-WTU-	trigger	
61	PHASE #1	Overvoltage alarm	Low	CR-T--	alarm	
62	PHASE #1	Undervoltage alarm	Low	CR-T--	alarm	
63	PHASE #1	Overconsumption alarm	Low	CR-T--	alarm	
64	PHASE #1	Overconsumption threshold	Low	C-WTU-	electric current (A)	

Information

PHASE #2

65	PHASE #2	Tariff	Low	CRWTU-	tariff (0..255)	
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Topology BOUDROS

Address Description Serial Number Comments Installation Notes	Manufacturer	Order Number	Product	Application	Status
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+ 1.1 TP Line #1
 Basement & Ground Floor

■ 1.1.22 Hager Electro TXF121 KNX Interface for energy meters STXF121 Accepted
 0009:403A6479

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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■ **PHASE #2**

66	PHASE #2	Active power	Low	CR-T--	power (W)	27/0/1 S
67	PHASE #2	Apparent power	Low	CR-T--	4-byte float value	
68	PHASE #2	Reactive power	Low	CR-T--	4-byte float value	
70	PHASE #2	Total imported active energy T1	Low	CR-T--	active energy (Wh)	
71	PHASE #2	Total imported active energy T2	Low	CR-T--	active energy (Wh)	
72	PHASE #2	Total imported active energy T1 + T2	Low	CR-T--	active energy (Wh)	
86	PHASE #2	Partial imported active energy T1	Low	CR-T--	active energy (Wh)	
87	PHASE #2	Partial imported active energy T2	Low	CR-T--	active energy (Wh)	
88	PHASE #2	Partial imported active energy T1 + T2	Low	CR-T--	active energy (Wh)	
101	PHASE #2	Voltage	Low	CR-T--	electric potential (V)	
102	PHASE #2	Current	Low	CR-T--	electric current (A)	27/0/28 S
103	PHASE #2	Power factor	Low	CR-T--	power factor (cos Φ)	27/0/15 S
104	PHASE #2	Energy direction	Low	CR-T--	1-bit	
105	PHASE #2	Reactive energy type	Low	CR-T--	1-bit	
106	PHASE #2	Active power timestamped	Low	CR-T--	12 bytes	
107	PHASE #2	Apparent power timestamped	Low	CR-T--	12 bytes	
108	PHASE #2	Reactive power timestamped	Low	CR-T--	12 bytes	
117	PHASE #2	Voltage timestamped	Low	CR-T--	12 bytes	
118	PHASE #2	Current timestamped	Low	CR-T--	12 bytes	
119	PHASE #2	Power factor timestamped	Low	CR-T--	12 bytes	
120	PHASE #2	Energy direction timestamped	Low	CR-T--	9 bytes	
121	PHASE #2	Reactive energy type timestamped	Low	CR-T--	9 bytes	
122	PHASE #2	Dynamic mode activation	Low	C-WTU-	enable	
123	PHASE #2	Partial meter reset	Low	C-WTU-	reset	27/0/4 S
124	PHASE #2	History request	Low	C-WTU-	trigger	
125	PHASE #2	Overvoltage alarm	Low	CR-T--	alarm	
126	PHASE #2	Undervoltage alarm	Low	CR-T--	alarm	
127	PHASE #2	Overconsumption alarm	Low	CR-T--	alarm	
128	PHASE #2	Overconsumption threshold	Low	C-WTU-	electric current (A)	

■ **PHASE #3**

129	PHASE #3	Tariff	Low	CRWTU-	tariff (0..255)	
130	PHASE #3	Active power	Low	CR-T--	power (W)	27/0/2 S
131	PHASE #3	Apparent power	Low	CR-T--	4-byte float value	

Topology BOUDROS

Address Description	Manufacturer	Order Number	Product	Application	Status
Serial Number	Room	Trade			
Comments					
Installation Notes					

1.1 TP Line #1
Basement & Ground Floor

1.1.22 Hager Electro TXF121 KNX Interface for energy meters STXF121 Accepted
0009:403A6479

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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PHASE #3

132	PHASE #3	Reactive power	Low	CR-T--	4-byte float value	
134	PHASE #3	Total imported active energy T1	Low	CR-T--	active energy (Wh)	
135	PHASE #3	Total imported active energy T2	Low	CR-T--	active energy (Wh)	
136	PHASE #3	Total imported active energy T1 + T2	Low	CR-T--	active energy (Wh)	
150	PHASE #3	Partial imported active energy T1	Low	CR-T--	active energy (Wh)	
151	PHASE #3	Partial imported active energy T2	Low	CR-T--	active energy (Wh)	
152	PHASE #3	Partial imported active energy T1 + T2	Low	CR-T--	active energy (Wh)	
165	PHASE #3	Voltage	Low	CR-T--	electric potential (V)	
166	PHASE #3	Current	Low	CR-T--	electric current (A)	27/0/29 S
167	PHASE #3	Power factor	Low	CR-T--	power factor (cos Φ)	27/0/16 S
168	PHASE #3	Energy direction	Low	CR-T--	1-bit	
169	PHASE #3	Reactive energy type	Low	CR-T--	1-bit	
170	PHASE #3	Active power timestamped	Low	CR-T--	12 bytes	
171	PHASE #3	Apparent power timestamped	Low	CR-T--	12 bytes	
172	PHASE #3	Reactive power timestamped	Low	CR-T--	12 bytes	
181	PHASE #3	Voltage timestamped	Low	CR-T--	12 bytes	
182	PHASE #3	Current timestamped	Low	CR-T--	12 bytes	
183	PHASE #3	Power factor timestamped	Low	CR-T--	12 bytes	
184	PHASE #3	Energy direction timestamped	Low	CR-T--	9 bytes	
185	PHASE #3	Reactive energy type timestamped	Low	CR-T--	9 bytes	
186	PHASE #3	Dynamic mode activation	Low	C-WTU-	enable	
187	PHASE #3	Partial meter reset	Low	C-WTU-	reset	27/0/5 S
188	PHASE #3	History request	Low	C-WTU-	trigger	
189	PHASE #3	Overvoltage alarm	Low	CR-T--	alarm	
190	PHASE #3	Undervoltage alarm	Low	CR-T--	alarm	
191	PHASE #3	Overconsumption alarm	Low	CR-T--	alarm	
192	PHASE #3	Overconsumption threshold	Low	C-WTU-	electric current (A)	

TOTAL

193	TOTAL	Tariff	Low	CRWT--	tariff (0..255)	27/0/26 S
194	TOTAL	Active power	Low	CR-TUI	power (W)	27/0/6 S
195	TOTAL	Apparent power	Low	CR-T-I	4-byte float value	27/0/8 S
196	TOTAL	Reactive power	Low	CR-T--	4-byte float value	27/0/20 S

Topology BOUDROS

Address Description	Manufacturer	Order Number	Product	Application	Status
Serial Number	Room	Trade			
Comments					
Installation Notes					

1.1 TP Line #1
Basement & Ground Floor

1.1.22 Hager Electro TXF121 KNX Interface for energy meters STXF121 Accepted
0009:403A6479

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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TOTAL

198	TOTAL	Total imported active energy T1	Low	CR-T--	active energy (Wh)	
199	TOTAL	Total imported active energy T2	Low	CR-T--	active energy (Wh)	
200	TOTAL	Total imported active energy T1 + T2	Low	CR-T--	active energy (Wh)	27/0/7 S
214	TOTAL	Partial imported active energy T1	Low	CR-T--	active energy (Wh)	
215	TOTAL	Partial imported active energy T2	Low	CR-T--	active energy (Wh)	
216	TOTAL	Partial imported active energy T1 + T2	Low	CR-T--	active energy (Wh)	27/0/23 S
229	TOTAL	Voltage	Low	CR-T-I	electric potential (V)	27/0/11 S
230	TOTAL	Current	Low	CR-T-I	electric current (A)	27/0/12 S
231	TOTAL	Power factor	Low	CR-T--	power factor (cos Φ)	27/0/17 S
232	TOTAL	Energy direction	Low	CR-T--	1-bit	27/0/25 S
233	TOTAL	Reactive energy type	Low	CR-T--	1-bit	27/0/24 S
234	TOTAL	Active power timestamped	Low	CR-T--	12 bytes	
235	TOTAL	Apparent power timestamped	Low	CR-T-I	12 bytes	27/0/9 S
236	TOTAL	Reactive power timestamped	Low	CR-T--	12 bytes	
245	TOTAL	Voltage timestamped	Low	CR-T--	12 bytes	27/0/19 S
246	TOTAL	Current timestamped	Low	CR-T--	12 bytes	
247	TOTAL	Power factor timestamped	Low	CR-T--	12 bytes	
248	TOTAL	Energy direction timestamped	Low	CR-T--	9 bytes	
249	TOTAL	Reactive energy type timestamped	Low	CR-T--	9 bytes	
250	TOTAL	Dynamic mode activation	Low	C-WTU-	enable	27/0/21 S
251	TOTAL	Partial meter reset	Low	C-WTU-	reset	27/0/22 S
252	TOTAL	History request	Low	C-WTUI	trigger	27/0/18 S
253	TOTAL	Overvoltage alarm	Low	CR-T-I	alarm	27/0/13 S
254	TOTAL	Undervoltage alarm	Low	CR-T--	alarm	
255	TOTAL	Overconsumption alarm	Low	CR-T--	alarm	
256	TOTAL	Overconsumption threshold	Low	C-WTU-	electric current (A)	

1.1.23 Berker 801xxxxx 2-8 fold multifunction push-button S801xxxxx V1.1 Accepted
0006:401A2143

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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General

Topology BOUDROS

Address Description Serial Number Comments Installation Notes	Manufacturer	Order Number	Product	Application	Status
		Room		Trade	

+ 1.1 TP Line #1
 Basement & Ground Floor

■ 1.1.23 Berker 801xxxxx 2-8 fold multifunction push-button S801xxxxx V1.1 Accepted
 0006:401A2143

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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■ **General**

3	General	Alarm	Low	C-W---	alarm	
4	General	Lock-up	Low	C-W---	state	

■ **LED management**

5	LED management	Day/night	Low	C-W---	1 bit	
6	LED management	Device LED - ON/OFF	Low	C-W---	switch	
8	LED management	Direction LED - dimming value day	Low	C-W---	percentage (0..100%)	
9	LED management	Status LED - luminosity day	Low	C-W---	percentage (0..100%)	
10	LED management	Direction LED - dimming value night	Low	C-W---	percentage (0..100%)	
11	LED management	Status LED - luminosity night	Low	C-W---	percentage (0..100%)	

■ **Push-button 1**

12	Push-button 1	Separately LED object	Low	C-WTU-	switch	5/1/5 S
13	Push-button 1	Status indication ON/OFF	Low	C-WTU-	switch	5/1/5 S
18	Push-button 1	ON/OFF	Low	C--T--	switch	5/0/5 S
21	Push-button 1	Dimming	Low	C--T--	dimming control	5/2/5 S

■ **Push-button 2**

32	Push-button 2	Separately LED object	Low	C-WTU-	switch	5/1/6 S
33	Push-button 2	Status indication ON/OFF	Low	C-WTU-	switch	5/1/6 S
38	Push-button 2	ON/OFF	Low	C--T--	switch	5/0/6 S

■ **Push-button 3**

52	Push-button 3	Separately LED object	Low	C-WTU-	switch	10/1/4 S
53	Push-button 3	Status indication ON/OFF	Low	C-WTU-	switch	10/1/4 S
58	Push-button 3	ON/OFF	Low	C--T--	switch	10/0/4 S

■ **Push-button 4**

72	Push-button 4	Separately LED object	Low	C-WTU-	switch	5/1/4 S
73	Push-button 4	Status indication ON/OFF	Low	C-WTU-	switch	5/1/4 S
78	Push-button 4	ON/OFF	Low	C--T--	switch	5/0/4 S

■ **Internal temperature sensor**

172	Internal temperature sensor	Internal temperature sensor	Low	CR-T--	temperature (°C)	
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■ **External temperature sensor**

■ **Information**

■ 1.1.24 Berker 801xxxxx 2-8 fold multifunction push-button S801xxxxx V1.1 Accepted
 0006:401A213B

Topology BOUDROS

Address	Manufacturer	Order Number	Product	Application	Status
Description					
Serial Number		Room		Trade	
Comments					
Installation Notes					

1.1 TP Line #1
Basement & Ground Floor

1.1.24 Berker 801xxxxx 2-8 fold multifunction push-button S801xxxxx V1.1 Accepted
0006:401A213B

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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General

3	General	Alarm	Low	C-W---	alarm	
4	General	Lock-up	Low	C-W---	state	

LED management

5	LED management	Day/night	Low	C-W---	1 bit	
6	LED management	Device LED - ON/OFF	Low	C-W---	switch	
8	LED management	Direction LED - dimming value day	Low	C-W---	percentage (0..100%)	
9	LED management	Status LED - luminosity day	Low	C-W---	percentage (0..100%)	
10	LED management	Direction LED - dimming value night	Low	C-W---	percentage (0..100%)	
11	LED management	Status LED - luminosity night	Low	C-W---	percentage (0..100%)	

Push-button 1

12	Push-button 1	Separately LED object	Low	C-WTU-	switch	5/1/2 S
13	Push-button 1	Status indication ON/OFF	Low	C-WTU-	switch	5/1/2 S
18	Push-button 1	ON/OFF	Low	C--T--	switch	5/0/2 S

Push-button 2

32	Push-button 2	Separately LED object	Low	C-WTU-	switch	5/1/3 S
33	Push-button 2	Status indication ON/OFF	Low	C-WTU-	switch	5/1/3 S
38	Push-button 2	ON/OFF	Low	C--T--	switch	5/0/3 S
41	Push-button 2	Dimming	Low	C--T--	dimming control	5/2/3 S

Push-button 3

Push-button 4

72	Push-button 4	Separately LED object	Low	C-WTU-	switch	5/1/4 S
73	Push-button 4	Status indication ON/OFF	Low	C-WTU-	switch	5/1/4 S
78	Push-button 4	ON/OFF	Low	C--T--	switch	5/0/4 S
81	Push-button 4	Dimming	Low	C--T--	dimming control	

Internal temperature sensor

172	Internal temperature sensor	Internal temperature sensor	Low	CR-T--	temperature (°C)	
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External temperature sensor

Information

1.1.25 Berker 801xxxxx 2-8 fold multifunction push-button S801xxxxx V1.1 Accepted
0006:401A2135

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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General

3	General	Alarm	Low	C-W---	alarm	
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Topology BOUDROS

Address Description Serial Number Comments Installation Notes	Manufacturer	Order Number	Product	Application	Status
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+ 1.1 TP Line #1
 Basement & Ground Floor

■ 1.1.25 Berker 801xxxxx 2-8 fold multifunction push-button S801xxxxx V1.1 Accepted
 0006:401A2135

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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■ **General**

4 General Lock-up Low C-W--- state

■ **LED management**

5 LED management Day/night Low C-W--- 1 bit
 6 LED management Device LED - ON/OFF Low C-W--- switch
 8 LED management Direction LED - dimming value day Low C-W--- percentage (0..100%)
 9 LED management Status LED - luminosity day Low C-W--- percentage (0..100%)
 10 LED management Direction LED - dimming value night Low C-W--- percentage (0..100%)
 11 LED management Status LED - luminosity night Low C-W--- percentage (0..100%)

■ **Push-button 1**

18 Push-button 1 Up/down Low C--T-- up/down 2/2/0 S
 19 Push-button 1 Stop (short press) Low C--T-- trigger 2/2/1 S

■ **Push-button 2**

38 Push-button 2 Up/down Low C--T-- up/down 2/0/0 S
 39 Push-button 2 Stop (short press) Low C--T-- trigger 2/0/1 S

■ **Push-button 3**

53 Push-button 3 Status indication ON/OFF Low C-WTU- switch 5/1/2 S
 58 Push-button 3 ON/OFF Low C--T-- switch 5/0/2 S

■ **Push-button 4**

78 Push-button 4 Up/down Low C--T-- up/down 2/1/0 S
 79 Push-button 4 Stop (short press) Low C--T-- trigger 2/1/1 S

■ **Internal temperature sensor**

172 Internal temperature sensor Internal temperature sensor Low CR-T-- temperature (°C)

■ **External temperature sensor**

■ **Information**

■ 1.1.26 Berker 801xxxxx 2-8 fold multifunction push-button S801xxxxx V1.1 Accepted
 0006:401A2151

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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■ **General**

3 General Alarm Low C-W--- alarm
 4 General Lock-up Low C-W--- state

■ **LED management**

5 LED management Day/night Low C-W--- 1 bit

Topology BOUDROS

Address Description Serial Number Comments Installation Notes	Manufacturer	Order Number	Product	Application	Status
		Room		Trade	

1.1 TP Line #1
 Basement & Ground Floor

1.1.26 Berker 801xxxxx 2-8 fold multifunction push-button S801xxxxx V1.1 Accepted
 0006:401A2151

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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LED management

6	LED management	Device LED - ON/OFF	Low	C-W---	switch	
8	LED management	Direction LED - dimming value day	Low	C-W---	percentage (0..100%)	
9	LED management	Status LED - luminosity day	Low	C-W---	percentage (0..100%)	
10	LED management	Direction LED - dimming value night	Low	C-W---	percentage (0..100%)	
11	LED management	Status LED - luminosity night	Low	C-W---	percentage (0..100%)	

Push-button 1

12	Push-button 1	Separately LED object	Low	C-WTU-	switch	5/1/12 S
13	Push-button 1	Status indication ON/OFF	Low	C-WTU-	switch	5/1/12 S
18	Push-button 1	ON/OFF	Low	C--T--	switch	5/0/12 S

Push-button 2

32	Push-button 2	Separately LED object	Low	C-WTU-	switch	5/1/13 S
33	Push-button 2	Status indication ON/OFF	Low	C-WTU-	switch	5/1/13 S
38	Push-button 2	ON/OFF	Low	C--T--	switch	5/0/13 S

Push-button 3

52	Push-button 3	Separately LED object	Low	C-WTU-	switch	5/1/14 S
53	Push-button 3	Status indication ON/OFF	Low	C-WTU-	switch	5/1/14 S
58	Push-button 3	ON/OFF	Low	C--T--	switch	5/0/14 S

Push-button 4

72	Push-button 4	Separately LED object	Low	C-WTU-	switch	30/1/3 S
73	Push-button 4	Status indication ON/OFF	Low	C-WTU-	switch	30/1/3 S
78	Push-button 4	ON/OFF	Low	C--T--	switch	30/1/2 S

Internal temperature sensor

172	Internal temperature sensor	Internal temperature sensor	Low	CR-T--	temperature (°C)	
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External temperature sensor

Information

1.1.27 Berker 801xxxxx 2-8 fold multifunction push-button S801xxxxx V1.1 Accepted
 0006:401A2148

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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General

3	General	Alarm	Low	C-W---	alarm	
4	General	Lock-up	Low	C-W---	state	

LED management

5	LED management	Day/night	Low	C-W---	1 bit	
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Topology BOUDROS

Address Description	Manufacturer	Order Number	Product	Application	Status
Serial Number	Room	Trade			
Comments					
Installation Notes					

1.1 TP Line #1
Basement & Ground Floor

1.1.27 Berker 801xxxxx 2-8 fold multifunction push-button S801xxxxx V1.1 Accepted
0006:401A2148

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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LED management

6	LED management	Device LED - ON/OFF	Low	C-W---	switch	
8	LED management	Direction LED - dimming value day	Low	C-W---	percentage (0..100%)	
9	LED management	Status LED - luminosity day	Low	C-W---	percentage (0..100%)	
10	LED management	Direction LED - dimming value night	Low	C-W---	percentage (0..100%)	
11	LED management	Status LED - luminosity night	Low	C-W---	percentage (0..100%)	

Push-button 1

12	Push-button 1	Separately LED object	Low	C-WTU-	switch	5/1/10 S
13	Push-button 1	Status indication ON/OFF	Low	C-WTU-	switch	5/1/10 S
18	Push-button 1	ON/OFF	Low	C--T--	switch	5/0/10 S
21	Push-button 1	Dimming	Low	C--T--	dimming control	5/2/10 S

Push-button 2

32	Push-button 2	Separately LED object	Low	C-WTU-	switch	5/1/11 S
33	Push-button 2	Status indication ON/OFF	Low	C-WTU-	switch	5/1/11 S
38	Push-button 2	ON/OFF	Low	C--T--	switch	5/0/11 S

Push-button 3

52	Push-button 3	Separately LED object	Low	C-WTU-	switch	5/1/9 S
53	Push-button 3	Status indication ON/OFF	Low	C-WTU-	switch	5/1/9 S
58	Push-button 3	ON/OFF	Low	C--T--	switch	5/0/9 S
61	Push-button 3	Dimming	Low	C--T--	dimming control	5/2/9 S

Push-button 4

72	Push-button 4	Separately LED object	Low	C-WTU-	switch	5/1/8 S
73	Push-button 4	Status indication ON/OFF	Low	C-WTU-	switch	5/1/8 S
78	Push-button 4	ON/OFF	Low	C--T--	switch	5/0/8 S
81	Push-button 4	Dimming	Low	C--T--	dimming control	5/2/8 S

Internal temperature sensor

172	Internal temperature sensor	Internal temperature sensor	Low	CR-T--	temperature (°C)	
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External temperature sensor

Information

1.1.28 Berker 801xxxxx 2-8 fold multifunction push-button S801xxxxx V1.1 Accepted
0006:401A213F

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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General

3	General	Alarm	Low	C-W---	alarm	
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Topology BOUDROS

Address Description Serial Number Comments Installation Notes	Manufacturer	Order Number	Product	Application	Status
		Room		Trade	

+ 1.1 TP Line #1
 Basement & Ground Floor

■ 1.1.28 Berker 801xxxxx 2-8 fold multifunction push-button S801xxxxx V1.1 Accepted
 0006:401A213F

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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■ **General**

4 General Lock-up Low C-W--- state

■ **LED management**

5 LED management Day/night Low C-W--- 1 bit
 6 LED management Device LED - ON/OFF Low C-W--- switch
 8 LED management Direction LED - dimming value day Low C-W--- percentage (0..100%)
 9 LED management Status LED - luminosity day Low C-W--- percentage (0..100%)
 10 LED management Direction LED - dimming value night Low C-W--- percentage (0..100%)
 11 LED management Status LED - luminosity night Low C-W--- percentage (0..100%)

■ **Push-button 1**

12 Push-button 1 Separately LED object Low C-WTU- switch 5/1/15 S
 13 Push-button 1 Status indication ON/OFF Low C-WTU- switch 5/1/15 S
 18 Push-button 1 ON/OFF Low C--T-- switch 5/0/15 S
 21 Push-button 1 Dimming Low C--T-- dimming control 5/2/15 S

■ **Push-button 2**

32 Push-button 2 Separately LED object Low C-WTU- switch 5/1/16 S
 33 Push-button 2 Status indication ON/OFF Low C-WTU- switch 5/1/16 S
 38 Push-button 2 ON/OFF Low C--T-- switch 5/0/16 S
 41 Push-button 2 Dimming Low C--T-- dimming control 5/2/16 S

■ **Push-button 3**

52 Push-button 3 Separately LED object Low C-WTU- switch 5/1/7 S
 53 Push-button 3 Status indication ON/OFF Low C-WTU- switch 5/1/7 S
 58 Push-button 3 ON/OFF Low C--T-- switch 5/0/7 S
 61 Push-button 3 Dimming Low C--T-- dimming control 5/2/7 S

■ **Push-button 4**

78 Push-button 4 Up/down Low C--T-- up/down 2/5/0 S
 79 Push-button 4 Stop (short press) Low C--T-- trigger 2/5/1 S

■ **Internal temperature sensor**

172 Internal temperature sensor Internal temperature sensor Low CR-T-- temperature (°C)

■ **External temperature sensor**

■ **Information**

■ 1.1.29 Berker 801xxxxx 2-8 fold multifunction push-button S801xxxxx V1.1 Accepted
 0006:401A212E

Topology BOUDROS

Address Description Serial Number Comments Installation Notes	Manufacturer	Order Number	Product	Application	Status
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+ 1.1 TP Line #1
 Basement & Ground Floor

+ 1.1.29 Berker 801xxxxx 2-8 fold multifunction push-button S801xxxxx V1.1 Accepted
 0006:401A212E

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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+ **General**

3	General	Alarm	Low	C-W---	alarm	
4	General	Lock-up	Low	C-W---	state	

+ **LED management**

5	LED management	Day/night	Low	C-W---	1 bit	
6	LED management	Device LED - ON/OFF	Low	C-W---	switch	
8	LED management	Direction LED - dimming value day	Low	C-W---	percentage (0..100%)	
9	LED management	Status LED - luminosity day	Low	C-W---	percentage (0..100%)	
10	LED management	Direction LED - dimming value night	Low	C-W---	percentage (0..100%)	
11	LED management	Status LED - luminosity night	Low	C-W---	percentage (0..100%)	

+ **Push-button 1**

12	Push-button 1	Separately LED object	Low	C-WTU-	switch	5/1/15 S
13	Push-button 1	Status indication ON/OFF	Low	C-WTU-	switch	5/1/15 S
18	Push-button 1	ON/OFF	Low	C--T--	switch	5/0/15 S

+ **Push-button 2**

32	Push-button 2	Separately LED object	Low	C-WTU-	switch	5/1/16 S
33	Push-button 2	Status indication ON/OFF	Low	C-WTU-	switch	5/1/16 S
38	Push-button 2	ON/OFF	Low	C--T--	switch	5/0/16 S
41	Push-button 2	Dimming	Low	C--T--	dimming control	5/2/16 S

+ **Push-button 3**

52	Push-button 3	Separately LED object	Low	C-WTU-	switch	5/1/17 S
53	Push-button 3	Status indication ON/OFF	Low	C-WTU-	switch	5/1/17 S
58	Push-button 3	ON/OFF	Low	C--T--	switch	5/0/17 S
61	Push-button 3	Dimming	Low	C--T--	dimming control	5/2/17 S

+ **Push-button 4**

72	Push-button 4	Separately LED object	Low	C-WTU-	switch	5/1/19 S
73	Push-button 4	Status indication ON/OFF	Low	C-WTU-	switch	5/1/19 S
78	Push-button 4	ON/OFF	Low	C--T--	switch	5/0/19 S
81	Push-button 4	Dimming	Low	C--T--	dimming control	5/2/19 S

+ **Internal temperature sensor**

172	Internal temperature sensor	Internal temperature sensor	Low	CR-T--	temperature (°C)	
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+ **External temperature sensor**

+ **Information**

+ 1.1.30 Berker 754413xx KNX CO2 sensor KNX CO2 sensor V1 Accepted
 000A:0E6C0616

Topology BOUDROS

Address Description Serial Number Comments Installation Notes	Manufacturer	Order Number	Product	Application	Status
		Room		Trade	

+ 1.1 TP Line #1
 Basement & Ground Floor

■ 1.1.30 Berker 754413xx KNX CO2 sensor KNX CO2 sensor V1 Accepted
 000A:0E6C0616

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
0	B.Channel 1	Switching object 1.1	Low	C-WT--	1 bit	
1	B.Channel 2	Switching object 2.1	Low	C-WT--	1 bit	
2	B.Channel 1	Switching object 1.2	Low	C-WT--	1 bit	
3	B.Channel 2	Switching object 2.2	Low	C-WT--	1 bit	
23	R.Output	Actual temperature	Low	CR-T--	2 bytes	
26	R.Input	Basic setpoint	Low	C-W---	2 bytes	
28	R.Input	Operating mode switchover	Low	C-WT--	1 byte	
32	R.Input	Operating mode forced- control	Low	C-WT--	1 byte	
33	R.Input / Output	Presence object	Low	C-WT--	1 bit	
34	R.Input	Window status	Low	C-W---	1 bit	
36	R.Output	KNX status operating mode	Low	C--T--	1 byte	
42	R.Output	Cmd. value for heating	Low	C--T--	1 byte	
50	R.Output	Setpoint temperature	Low	CR-T--	2 bytes	
52	R.Output	Current setpoint shift	Low	CR-T--	1 byte	
53	R.Input	Setpoint shift specification	Low	C-W---	1 byte	
55	R.Output	KNX status	Low	C--T--	2 bytes	
56	R.Output	KNX status forced oper. mode	Low	C--T--	1 byte	
59	R.Output	Actual temp. not adjusted	Low	CR-T--	2 bytes	
80	S.Temperature	Measured value	Low	CR-T--	2 bytes	19/0/0 S
81	S.Humidity	Measured value	Low	CR-T--	2 bytes	19/0/1 S
82	S.CO2	Measured value	Low	CR-T--	2 bytes	19/0/2 S
83	S.Dew point	Temperature	Low	CR-T--	2 bytes	19/0/3 S
108	S.Dew point alarm	Switching	Low	CR-T--	1 bit	
110	S.Temperature	Sensor fault	Low	CR-T--	1 bit	
111	S.Humidity	Sensor fault	Low	CR-T--	1 bit	
112	S.CO2	Sensor fault	Low	CR-T--	1 bit	

■ 1.1.31 Hager Electro TXB692F 2-fold switch actuator 6A 230V STXB692F Accepted
 AC + 2 inputs, embedded
 0009:403A8FC9

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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■ **Output 1**

0	Output 1	ON/OFF	Low	CRW---	switch	30/1/6 S
1	Output 1	Status indication ON/OFF	Low	CR-T--	switch	30/1/7 S

■ **Output 2**

10	Output 2	ON/OFF	Low	CRW---	switch	30/1/6 S
11	Output 2	Status indication ON/OFF	Low	CR-T--	switch	30/1/7 S

■ **Input 1**

■ **Input 2**

Topology BOUDROS

Address Description Serial Number Comments Installation Notes	Manufacturer	Order Number	Product	Application	Status
Room	Trade				

1.1 TP Line #1
Basement & Ground Floor

1.1.31 Hager Electro TXB692F 2-fold switch actuator 6A 230V AC + 2 inputs, embedded STXB692F Accepted
0009:403A8FC9

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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Information

1.1.32 Berker 801xxxxx 2-8 fold multifunction push-button S801xxxxx V1.1 Accepted
0006:401A2130

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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General

3	General	Alarm	Low	C-W---	alarm	
4	General	Lock-up	Low	C-W---	state	

LED management

5	LED management	Day/night	Low	C-W---	1 bit	
6	LED management	Device LED - ON/OFF	Low	C-W---	switch	
8	LED management	Direction LED - dimming value day	Low	C-W---	percentage (0..100%)	
9	LED management	Status LED - luminosity day	Low	C-W---	percentage (0..100%)	
10	LED management	Direction LED - dimming value night	Low	C-W---	percentage (0..100%)	
11	LED management	Status LED - luminosity night	Low	C-W---	percentage (0..100%)	

Push-button 1

12	Push-button 1	Separately LED object	Low	C-WTU-	switch	5/1/0 S
13	Push-button 1	Status indication ON/OFF	Low	C-WTU-	switch	5/1/0 S
18	Push-button 1	ON/OFF	Low	C--T--	switch	5/0/0 S

Push-button 2

32	Push-button 2	Separately LED object	Low	C-WTU-	switch	30/1/1 S
33	Push-button 2	Status indication ON/OFF	Low	C-WTU-	switch	30/1/1 S
38	Push-button 2	ON/OFF	Low	C--T--	switch	30/1/0 S

Push-button 3

52	Push-button 3	Separately LED object	Low	C-WTU-	switch	5/1/1 S
53	Push-button 3	Status indication ON/OFF	Low	C-WTU-	switch	5/1/1 S
58	Push-button 3	ON/OFF	Low	C--T--	switch	5/0/1 S

Push-button 4

72	Push-button 4	Separately LED object	Low	C-WTU-	switch	
73	Push-button 4	Status indication ON/OFF	Low	C-WTU-	switch	
78	Push-button 4	ON/OFF	Low	C--T--	switch	
81	Push-button 4	Dimming	Low	C--T--	dimming control	

Internal temperature sensor

172	Internal temperature sensor	Internal temperature sensor	Low	CR-T--	temperature (°C)	
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External temperature sensor

Topology BOUDROS

Address Description Serial Number Comments Installation Notes	Manufacturer	Order Number	Product	Application	Status
		Room		Trade	

1.1 TP Line #1
Basement & Ground Floor

1.1.32 Berker 801xxxxx 2-8 fold multifunction push-button S801xxxxx V1.1 Accepted
0006:401A2130

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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Information

1.1.33 Berker 801xxxxx 2-8 fold multifunction push-button S801xxxxx V1.1 Accepted
0006:401A2142

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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General

3	General	Alarm	Low	C-W---	alarm	
4	General	Lock-up	Low	C-W---	state	

LED management

5	LED management	Day/night	Low	C-W---	1 bit	
6	LED management	Device LED - ON/OFF	Low	C-W---	switch	
8	LED management	Direction LED - dimming value day	Low	C-W---	percentage (0..100%)	
9	LED management	Status LED - luminosity day	Low	C-W---	percentage (0..100%)	
10	LED management	Direction LED - dimming value night	Low	C-W---	percentage (0..100%)	
11	LED management	Status LED - luminosity night	Low	C-W---	percentage (0..100%)	

Push-button 1

12	Push-button 1	Separately LED object	Low	C-WTU-	switch	5/1/19 S
13	Push-button 1	Status indication ON/OFF	Low	C-WTU-	switch	5/1/19 S
18	Push-button 1	ON/OFF	Low	C--T--	switch	5/0/19 S

Push-button 2

Push-button 3

Push-button 4

Internal temperature sensor

172	Internal temperature sensor	Internal temperature sensor	Low	CR-T--	temperature (°C)	
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External temperature sensor

Information

1.1.34 Berker 801xxxxx 2-8 fold multifunction push-button S801xxxxx V1.1 Accepted
0006:401A2145

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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General

3	General	Alarm	Low	C-W---	alarm	
4	General	Lock-up	Low	C-W---	state	

Topology BOUDROS

Address Description Serial Number Comments Installation Notes	Manufacturer	Order Number	Product	Application	Status
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+ 1.1 TP Line #1
 Basement & Ground Floor

■ 1.1.34 Berker 801xxxxx 2-8 fold multifunction push-button S801xxxxx V1.1 Accepted
 0006:401A2145

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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■ **LED management**

5	LED management	Day/night	Low	C-W---	1 bit	
6	LED management	Device LED - ON/OFF	Low	C-W---	switch	
8	LED management	Direction LED - dimming value day	Low	C-W---	percentage (0..100%)	
9	LED management	Status LED - luminosity day	Low	C-W---	percentage (0..100%)	
10	LED management	Direction LED - dimming value night	Low	C-W---	percentage (0..100%)	
11	LED management	Status LED - luminosity night	Low	C-W---	percentage (0..100%)	

■ **Push-button 1**

18	Push-button 1	Up/down	Low	C--T--	up/down	2/3/0 S
19	Push-button 1	Stop (short press)	Low	C--T--	trigger	2/3/1 S

■ **Push-button 2**

38	Push-button 2	ON/OFF	Low	C--T--	switch	
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■ **Push-button 3**

58	Push-button 3	Up/down	Low	C--T--	up/down	2/4/0 S
59	Push-button 3	Stop (short press)	Low	C--T--	trigger	2/4/1 S

■ **Push-button 4**

78	Push-button 4	ON/OFF	Low	C--T--	switch	
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■ **Internal temperature sensor**

172	Internal temperature sensor	Internal temperature sensor	Low	CR-T--	temperature (°C)	
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■ **External temperature sensor**

■ **Information**

■ 1.1.35 Berker 801xxxxx 2-8 fold multifunction push-button S801xxxxx V1.1 Accepted
 0006:401A2147

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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■ **General**

3	General	Alarm	Low	C-W---	alarm	
4	General	Lock-up	Low	C-W---	state	

■ **LED management**

5	LED management	Day/night	Low	C-W---	1 bit	
6	LED management	Device LED - ON/OFF	Low	C-W---	switch	
8	LED management	Direction LED - dimming value day	Low	C-W---	percentage (0..100%)	
9	LED management	Status LED - luminosity day	Low	C-W---	percentage (0..100%)	

Topology BOUDROS

Address Description Serial Number Comments Installation Notes	Manufacturer	Order Number	Product	Application	Status
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+ 1.1 TP Line #1
 Basement & Ground Floor

■ 1.1.35 Berker 801xxxxx 2-8 fold multifunction push-button S801xxxxx V1.1 Accepted
 0006:401A2147

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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■ **LED management**

10	LED management	Direction LED - dimming value night	Low	C-W---	percentage (0..100%)	
11	LED management	Status LED - luminosity night	Low	C-W---	percentage (0..100%)	

■ **Push-button 1**

12	Push-button 1	Separately LED object	Low	C-WTU-	switch	9/1/0 S
13	Push-button 1	Status indication ON/OFF	Low	C-WTU-	switch	9/1/0 S
18	Push-button 1	ON/OFF	Low	C--T--	switch	9/0/0 S

■ **Push-button 2**

32	Push-button 2	Separately LED object	Low	C-WTU-	switch	9/1/1 S
33	Push-button 2	Status indication ON/OFF	Low	C-WTU-	switch	9/1/1 S
38	Push-button 2	ON/OFF	Low	C--T--	switch	9/0/1 S

■ **Push-button 3**

52	Push-button 3	Separately LED object	Low	C-WTU-	switch	9/1/2 S
53	Push-button 3	Status indication ON/OFF	Low	C-WTU-	switch	9/1/2 S
58	Push-button 3	ON/OFF	Low	C--T--	switch	9/0/2 S

■ **Push-button 4**

72	Push-button 4	Separately LED object	Low	C-WTU-	switch	9/1/3 S
73	Push-button 4	Status indication ON/OFF	Low	C-WTU-	switch	9/1/3 S
78	Push-button 4	ON/OFF	Low	C--T--	switch	9/0/3 S

■ **Internal temperature sensor**

172	Internal temperature sensor	Internal temperature sensor	Low	CR-T--	temperature (°C)	
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■ **External temperature sensor**

■ **Information**

■ 1.1.100 Hager Electro TYM620D 20-fold switch actuator 16A C-load 230V AC STYM620D Accepted
 0009:4038C9DA Main board

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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■ **Output 1**

1	Output 1	ON/OFF	Low	CRW---	switch	5/0/2 S
4	Output 1	Status indication ON/OFF	Low	CR-T--	switch	5/1/2 S
5	Output 1	Timer	Low	CRW---	start/stop	2/0/3 S, 2/1/3
7	Output 1	Scene	Low	CRW---	scene control	
8	Output 1	Preset 1	Low	CRW---	scene	2/0/0 S, 2/1/0
9	Output 1	Preset 2	Low	CRW---	scene	
12	Output 1	Lock-up 1	Low	CRW---	enable	
13	Output 1	Lock-up 2	Low	CRW---	enable	

Topology BOUDROS

Address Description Serial Number Comments Installation Notes	Manufacturer	Order Number	Product	Application	Status
		Room		Trade	

+ 1.1 TP Line #1
 Basement & Ground Floor

■ 1.1.100 Hager Electro TYM620D 20-fold switch actuator 16A C- STYM620D Accepted
 load 230V AC

0009:4038C9DA Main board

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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■ **Output 2**

21	Output 2	ON/OFF	Low	CRW---	switch	5/0/19 S
24	Output 2	Status indication ON/OFF	Low	CR-T--	switch	5/1/19 S

■ **Output 3**

41	Output 3	ON/OFF	Low	CRW---	switch	
44	Output 3	Status indication ON/OFF	Low	CR-T--	switch	

■ **Output 4**

61	Output 4	ON/OFF	Low	CRW---	switch	
64	Output 4	Status indication ON/OFF	Low	CR-T--	switch	

■ **Output 5**

81	Output 5	ON/OFF	Low	CRW---	switch	5/0/11 S
84	Output 5	Status indication ON/OFF	Low	CR-T--	switch	5/1/11 S

■ **Output 6**

101	Output 6	ON/OFF	Low	CRW---	switch	5/0/12 S
104	Output 6	Status indication ON/OFF	Low	CR-T--	switch	5/1/12 S

■ **Output 7**

121	Output 7	ON/OFF	Low	CRW---	switch	5/0/13 S
124	Output 7	Status indication ON/OFF	Low	CR-T--	switch	5/1/13 S

■ **Output 8**

141	Output 8	ON/OFF	Low	CRW---	switch	5/0/14 S
144	Output 8	Status indication ON/OFF	Low	CR-T--	switch	5/1/14 S

■ **Output 9**

161	Output 9	ON/OFF	Low	CRW---	switch	5/0/4 S
164	Output 9	Status indication ON/OFF	Low	CR-T--	switch	5/1/4 S

■ **Output 10**

181	Output 10	ON/OFF	Low	CRW---	switch	5/0/6 S
184	Output 10	Status indication ON/OFF	Low	CR-T--	switch	5/1/6 S

■ **Output 11**

201	Output 11	ON/OFF	Low	CRW---	switch	
204	Output 11	Status indication ON/OFF	Low	CR-T--	switch	

■ **Output 12**

221	Output 12	ON/OFF	Low	CRW---	switch	
224	Output 12	Status indication ON/OFF	Low	CR-T--	switch	

■ **Output 13**

241	Output 13	ON/OFF	Low	CRW---	switch	
244	Output 13	Status indication ON/OFF	Low	CR-T--	switch	

■ **Output 14**

261	Output 14	ON/OFF	Low	CRW---	switch	
264	Output 14	Status indication ON/OFF	Low	CR-T--	switch	

Topology BOUDROS

Address Description	Manufacturer	Order Number	Product	Application	Status
Serial Number	Room			Trade	
Comments					
Installation Notes					

+ 1.1 TP Line #1
 Basement & Ground Floor

■ 1.1.100 Hager Electro TYM620D 20-fold switch actuator 16A C-load 230V AC STYM620D Accepted
 0009:4038C9DA Main board

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
Output 15						
281	Output 15	ON/OFF	Low	CRW---	switch	
284	Output 15	Status indication ON/OFF	Low	CR-T--	switch	
Output 16						
301	Output 16	ON/OFF	Low	CRW---	switch	
304	Output 16	Status indication ON/OFF	Low	CR-T--	switch	
Output 17						
321	Output 17	ON/OFF	Low	CRW---	switch	
324	Output 17	Status indication ON/OFF	Low	CR-T--	switch	
Output 18						
341	Output 18	ON/OFF	Low	CRW---	switch	
344	Output 18	Status indication ON/OFF	Low	CR-T--	switch	
Output 19						
361	Output 19	ON/OFF	Low	CRW---	switch	
364	Output 19	Status indication ON/OFF	Low	CR-T--	switch	
Output 20						
381	Output 20	ON/OFF	Low	CRW---	switch	
384	Output 20	Status indication ON/OFF	Low	CR-T--	switch	

■ **Information**
■ 1.1.101 Hager Electro TYA664BN 4-fold dimming actuator 600W, universal STYA664N Accepted
 0009:403A7278 Main board

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
Output 1						
0	Output 1	ON/OFF	Low	CRW---	switch	5/0/22 S
1	Output 1	Dimming	Low	CRW---	dimming control	5/2/22 S
2	Output 1	Brightness value	Low	CRW---	percentage (0..100%)	5/3/22 S
4	Output 1	Default memorisation	Low	CR-T--	alarm	
7	Output 1	Status indication ON/OFF	Low	CR-T--	switch	5/1/22 S
8	Output 1	Status ind. brightness value	Low	CR-T--	percentage (0..100%)	5/4/22 S
Output 2						
31	Output 2	ON/OFF	Low	CRW---	switch	5/0/21 S
32	Output 2	Dimming	Low	CRW---	dimming control	5/2/21 S
33	Output 2	Brightness value	Low	CRW---	percentage (0..100%)	5/3/21 S
35	Output 2	Default memorisation	Low	CR-T--	alarm	
38	Output 2	Status indication ON/OFF	Low	CR-T--	switch	5/1/21 S
39	Output 2	Status ind. brightness value	Low	CR-T--	percentage (0..100%)	5/4/21 S

Topology BOUDROS

Address Description	Manufacturer	Order Number	Product	Application	Status
Serial Number		Room		Trade	
Comments					
Installation Notes					

+ 1.1 TP Line #1
 Basement & Ground Floor

■ 1.1.101 Hager Electro TYA664BN 4-fold dimming actuator 600W, STYA664N universal Accepted
 0009:403A7278 Main board

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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■ **Output 3**

62	Output 3	ON/OFF	Low	CRW---	switch	5/0/15 S
63	Output 3	Dimming	Low	CRW---	dimming control	5/2/15 S
64	Output 3	Brightness value	Low	CRW---	percentage (0..100%)	5/3/15 S
66	Output 3	Default memorisation	Low	CR-T--	alarm	
69	Output 3	Status indication ON/OFF	Low	CR-T--	switch	5/1/15 S
70	Output 3	Status ind. brightness value	Low	CR-T--	percentage (0..100%)	

■ **Output 4**

93	Output 4	ON/OFF	Low	CRW---	switch	5/0/16 S
94	Output 4	Dimming	Low	CRW---	dimming control	5/2/16 S
95	Output 4	Brightness value	Low	CRW---	percentage (0..100%)	5/3/16 S
97	Output 4	Default memorisation	Low	CR-T--	alarm	
100	Output 4	Status indication ON/OFF	Low	CR-T--	switch	5/1/16 S
101	Output 4	Status ind. brightness value	Low	CR-T--	percentage (0..100%)	5/4/16 S

■ **Information**

■ 1.1.102 Hager Electro TYA664BN 4-fold dimming actuator 600W, STYA664N universal Accepted

0009:403A74B9 Main board

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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■ **Output 1**

0	Output 1	ON/OFF	Low	CRW---	switch	5/0/17 S
1	Output 1	Dimming	Low	CRW---	dimming control	5/2/17 S
2	Output 1	Brightness value	Low	CRW---	percentage (0..100%)	5/3/17 S
4	Output 1	Default memorisation	Low	CR-T--	alarm	
7	Output 1	Status indication ON/OFF	Low	CR-T--	switch	5/1/17 S
8	Output 1	Status ind. brightness value	Low	CR-T--	percentage (0..100%)	5/4/17 S

■ **Output 2**

31	Output 2	ON/OFF	Low	CRW---	switch	5/0/18 S
32	Output 2	Dimming	Low	CRW---	dimming control	5/2/18 S
33	Output 2	Brightness value	Low	CRW---	percentage (0..100%)	5/3/18 S
35	Output 2	Default memorisation	Low	CR-T--	alarm	
38	Output 2	Status indication ON/OFF	Low	CR-T--	switch	5/1/18 S
39	Output 2	Status ind. brightness value	Low	CR-T--	percentage (0..100%)	5/4/18 S

■ **Output 3**

62	Output 3	ON/OFF	Low	CRW---	switch	5/0/5 S
63	Output 3	Dimming	Low	CRW---	dimming control	5/2/5 S
64	Output 3	Brightness value	Low	CRW---	percentage (0..100%)	5/3/5 S

Topology BOUDROS

Address	Manufacturer	Order Number	Product	Application	Status
Description					
Serial Number		Room		Trade	
Comments					
Installation Notes					

1.1 TP Line #1
Basement & Ground Floor

1.1.102 Hager Electro TYA664BN 4-fold dimming actuator 600W, STYA664N universal Accepted
0009:403A74B9 Main board

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
Output 3						
66	Output 3	Default memorisation	Low	CR-T--	alarm	
69	Output 3	Status indication ON/OFF	Low	CR-T--	switch	5/1/5 S
70	Output 3	Status ind. brightness value	Low	CR-T--	percentage (0..100%)	5/4/5 S
Output 4						
93	Output 4	ON/OFF	Low	CRW---	switch	5/0/7 S
94	Output 4	Dimming	Low	CRW---	dimming control	5/2/7 S
95	Output 4	Brightness value	Low	CRW---	percentage (0..100%)	5/3/7 S
97	Output 4	Default memorisation	Low	CR-T--	alarm	
100	Output 4	Status indication ON/OFF	Low	CR-T--	switch	5/1/7 S
101	Output 4	Status ind. brightness value	Low	CR-T--	percentage (0..100%)	5/4/7 S

Information
 1.1.103 Hager Electro TYA664BN 4-fold dimming actuator 600W, STYA664N universal Accepted

0009:403A35B6 Main board

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
127	Logic block 1	Input 1	Low	CRW---	boolean	
131	Logic block 1	Logic result	Low	CR-T--	boolean	
Output 1						
0	Output 1	ON/OFF	Low	CRW---	switch	5/0/8 S
1	Output 1	Dimming	Low	CRW---	dimming control	5/2/8 S
2	Output 1	Brightness value	Low	CRW---	percentage (0..100%)	5/3/8 S
4	Output 1	Default memorisation	Low	CR-T--	alarm	
7	Output 1	Status indication ON/OFF	Low	CR-T--	switch	5/1/8 S
8	Output 1	Status ind. brightness value	Low	CR-T--	percentage (0..100%)	5/4/8 S
Output 2						
31	Output 2	ON/OFF	Low	CRW---	switch	5/0/9 S
32	Output 2	Dimming	Low	CRW---	dimming control	5/2/9 S
33	Output 2	Brightness value	Low	CRW---	percentage (0..100%)	5/3/9 S
35	Output 2	Default memorisation	Low	CR-T--	alarm	
38	Output 2	Status indication ON/OFF	Low	CR-T--	switch	5/1/9 S
39	Output 2	Status ind. brightness value	Low	CR-T--	percentage (0..100%)	5/4/9 S
Output 3						
62	Output 3	ON/OFF	Low	CRW---	switch	5/0/10 S
63	Output 3	Dimming	Low	CRW---	dimming control	5/2/10 S
64	Output 3	Brightness value	Low	CRW---	percentage (0..100%)	5/3/10 S
66	Output 3	Default memorisation	Low	CR-T--	alarm	

Topology BOUDROS

Address Description	Manufacturer	Order Number	Product	Application	Status
Serial Number	Room	Trade			
Comments					
Installation Notes					

1.1 TP Line #1
Basement & Ground Floor

1.1.103 Hager Electro TYA664BN 4-fold dimming actuator 600W, STYA664N universal Accepted
0009:403A35B6 Main board

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
Output 3						
69	Output 3	Status indication ON/OFF	Low	CR-T--	switch	5/1/10 S
70	Output 3	Status ind. brightness value	Low	CR-T--	percentage (0..100%)	5/4/10 S
Output 4						
93	Output 4	ON/OFF	Low	CRW---	switch	
94	Output 4	Dimming	Low	CRW---	dimming control	
95	Output 4	Brightness value	Low	CRW---	percentage (0..100%)	
96	Output 4	Load memorisation	Low	CRW---	start/stop	
97	Output 4	Default memorisation	Low	CR-T--	alarm	
100	Output 4	Status indication ON/OFF	Low	CR-T--	switch	
101	Output 4	Status ind. brightness value	Low	CR-T--	percentage (0..100%)	

Information

1.1.104 Hager Electro TYM620D 20-fold switch actuator 16A C- load 230V AC Accepted

0009:4038C961 Main board

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
404	Logic block 1 ON/OFF	Input 1	Low	CRW---	boolean	28/0/7 S
405	Logic block 1 ON/OFF	Input 2	Low	CRW---	boolean	28/0/8 S
406	Logic block 1 ON/OFF	Input 3	Low	CRW---	boolean	28/0/9 S
408	Logic block 1 ON/OFF	Logic result	Low	CR-T--	boolean	28/0/0 S
410	Logic block 2 ON/OFF	Input 1	Low	CRW---	boolean	
411	Logic block 2 ON/OFF	Input 2	Low	CRW---	boolean	
414	Logic block 2 ON/OFF	Logic result	Low	CR-T--	boolean	

Outputs 1-2

1	Outputs 1-2	Up/Down (long press)	Low	CRW---	up/down	2/5/0 S, 18/0/0
2	Outputs 1-2	Stop (short press)	Low	CRW---	step	2/5/1 S, 18/0/1
3	Outputs 1-2	Position in %	Low	CRW---	percentage (0..100%)	2/5/2 S
5	Outputs 1-2	Position indication in %	Low	CR-T--	percentage (0..100%)	2/5/3 S
7	Outputs 1-2	Upper position reached	Low	CR-T--	boolean	
8	Outputs 1-2	Lower position reached	Low	CR-T--	boolean	
9	Outputs 1-2	Scene	Low	CRW---	scene control	

Outputs 3-4

41	Outputs 3-4	Up/Down (long press)	Low	CRW---	up/down	2/5/0 S, 18/0/0
42	Outputs 3-4	Stop (short press)	Low	CRW---	step	2/5/1 S, 18/0/1
43	Outputs 3-4	Position in %	Low	CRW---	percentage (0..100%)	2/5/2 S
45	Outputs 3-4	Position indication in %	Low	CR-T--	percentage (0..100%)	2/5/3 S
47	Outputs 3-4	Upper position reached	Low	CR-T--	boolean	
48	Outputs 3-4	Lower position reached	Low	CR-T--	boolean	
49	Outputs 3-4	Scene	Low	CRW---	scene control	

Topology BOUDROS

Address Description Serial Number Comments Installation Notes	Manufacturer	Order Number	Product	Application	Status
Room	Trade				

+ 1.1 TP Line #1
 Basement & Ground Floor

■ 1.1.104 Hager Electro TYM620D 20-fold switch actuator 16A C- load 230V AC STYM620D Accepted

0009:4038C961 Main board

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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■ **Outputs 5-6**

81	Outputs 5-6	Up/Down (long press)	Low	CRW---	up/down	2/5/0 S, 18/0/0
82	Outputs 5-6	Stop (short press)	Low	CRW---	step	2/5/1 S, 18/0/1
83	Outputs 5-6	Position in %	Low	CRW---	percentage (0..100%)	2/5/2 S
85	Outputs 5-6	Position indication in %	Low	CR-T--	percentage (0..100%)	2/5/3 S
87	Outputs 5-6	Upper position reached	Low	CR-T--	boolean	
88	Outputs 5-6	Lower position reached	Low	CR-T--	boolean	
89	Outputs 5-6	Scene	Low	CRW---	scene control	

■ **Outputs 7-8**

121	Outputs 7-8	Up/Down (long press)	Low	CRW---	up/down	2/6/0 S, 18/0/0
122	Outputs 7-8	Stop (short press)	Low	CRW---	step	2/6/1 S, 18/0/1
123	Outputs 7-8	Position in %	Low	CRW---	percentage (0..100%)	2/6/2 S
125	Outputs 7-8	Position indication in %	Low	CR-T--	percentage (0..100%)	2/6/3 S

■ **Output 9**

161	Output 9	ON/OFF	Low	CRW---	switch	30/1/2 S
164	Output 9	Status indication ON/OFF	Low	CR-T--	switch	30/1/3 S

■ **Output 10**

181	Output 10	ON/OFF	Low	CRW---	switch	19/0/4 S
184	Output 10	Status indication ON/OFF	Low	CR-T--	switch	19/0/5 S

■ **Output 11**

201	Output 11	ON/OFF	Low	CRW---	switch	
204	Output 11	Status indication ON/OFF	Low	CR-T--	switch	

■ **Output 12**

221	Output 12	ON/OFF	Low	CRW---	switch	30/1/0 S
224	Output 12	Status indication ON/OFF	Low	CR-T--	switch	30/1/1 S
225	Output 12	Timer	Low	CRW---	start/stop	
227	Output 12	Scene	Low	CRW---	scene control	
232	Output 12	Lock-up 1	Low	CRW---	enable	30/1/8 S
234	Output 12	Status indication lock-up	Low	CR-T--	state	30/1/9 S

■ **Output 13**

241	Output 13	ON/OFF	Low	CRW---	switch	
244	Output 13	Status indication ON/OFF	Low	CR-T--	switch	

■ **Output 14**

261	Output 14	ON/OFF	Low	CRW---	switch	
264	Output 14	Status indication ON/OFF	Low	CR-T--	switch	

■ **Output 15**

281	Output 15	ON/OFF	Low	CRW---	switch	
284	Output 15	Status indication ON/OFF	Low	CR-T--	switch	

■ **Output 16**

301	Output 16	ON/OFF	Low	CRW---	switch	
304	Output 16	Status indication ON/OFF	Low	CR-T--	switch	

Topology BOUDROS

Address Description	Manufacturer	Order Number	Product	Application	Status
Serial Number		Room		Trade	
Comments					
Installation Notes					

+ 1.1 TP Line #1
 Basement & Ground Floor

■ 1.1.104 Hager Electro TYM620D 20-fold switch actuator 16A C-load 230V AC STYM620D Accepted
 0009:4038C961 Main board

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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■ **Output 17**

321	Output 17	ON/OFF	Low	CRW---	switch	
324	Output 17	Status indication ON/OFF	Low	CR-T--	switch	

■ **Output 18**

341	Output 18	ON/OFF	Low	CRW---	switch	
344	Output 18	Status indication ON/OFF	Low	CR-T--	switch	

■ **Output 19**

361	Output 19	ON/OFF	Low	CRW---	switch	
364	Output 19	Status indication ON/OFF	Low	CR-T--	switch	

■ **Output 20**

381	Output 20	ON/OFF	Low	CRW---	switch	
384	Output 20	Status indication ON/OFF	Low	CR-T--	switch	

■ **Information**

■ 1.1.105 Hager Electro TYA664BN 4-fold dimming actuator 600W, universal STYA664N Accepted
 0009:403A749D Mezonnete #2 board

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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■ **Output 1**

0	Output 1	ON/OFF	Low	CRW---	switch	31/2/0 S, 9/0/0
1	Output 1	Dimming	Low	CRW---	dimming control	
2	Output 1	Brightness value	Low	CRW---	percentage (0..100%)	
4	Output 1	Default memorisation	Low	CR-T--	alarm	
7	Output 1	Status indication ON/OFF	Low	CR-T--	switch	9/1/0 S
8	Output 1	Status ind. brightness value	Low	CR-T--	percentage (0..100%)	

■ **Output 2**

31	Output 2	ON/OFF	Low	CRW---	switch	31/2/0 S, 9/0/1
32	Output 2	Dimming	Low	CRW---	dimming control	
33	Output 2	Brightness value	Low	CRW---	percentage (0..100%)	
35	Output 2	Default memorisation	Low	CR-T--	alarm	
38	Output 2	Status indication ON/OFF	Low	CR-T--	switch	9/1/1 S
39	Output 2	Status ind. brightness value	Low	CR-T--	percentage (0..100%)	

■ **Output 3**

62	Output 3	ON/OFF	Low	CRW---	switch	31/2/0, 9/0/2 S
63	Output 3	Dimming	Low	CRW---	dimming control	
64	Output 3	Brightness value	Low	CRW---	percentage (0..100%)	
66	Output 3	Default memorisation	Low	CR-T--	alarm	
69	Output 3	Status indication ON/OFF	Low	CR-T--	switch	9/1/2 S

Topology BOUDROS

Address	Manufacturer	Order Number	Product	Application	Status
Description					
Serial Number		Room		Trade	
Comments					
Installation Notes					

+ 1.1 TP Line #1
 Basement & Ground Floor

■ 1.1.105 Hager Electro TYA664BN 4-fold dimming actuator 600W, STYA664N universal Accepted
 0009:403A749D Mezonnete #2 board

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
Output 3						
70	Output 3	Status ind. brightness value	Low	CR-T--	percentage (0..100%)	
Output 4						
93	Output 4	ON/OFF	Low	CRW---	switch	31/2/0 S, 9/0/3
94	Output 4	Dimming	Low	CRW---	dimming control	
95	Output 4	Brightness value	Low	CRW---	percentage (0..100%)	
97	Output 4	Default memorisation	Low	CR-T--	alarm	
100	Output 4	Status indication ON/OFF	Low	CR-T--	switch	9/1/3 S
101	Output 4	Status ind. brightness value	Low	CR-T--	percentage (0..100%)	

■ 1.1.106 Hager Electro TX211A 3 dimming outputs 1/10V TL211B V1.0 Accepted
 0009:053E71F0

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
0	ON / OFF	Output 1	Low	C-W-U-	switch	5/0/3 S
1	Dimming	Output 1	Low	C-W-U-	dimming control	5/2/3 S
2	Brightness value	Output 1	Low	C-W-U-	percentage (0..100%)	5/3/3 S
3	Timer	Output 1	Low	C-W-U-	start/stop	
4	Priority	Output 1	Low	C-W-U-	boolean control	
5	Scene	Output 1	Low	C-W-U-	1 byte	
6	Status indication	Output 1	Low	CR-TU-	switch	5/1/3 S
7	Brightness value indication	Output 1	Low	CR-TU-	percentage (0..100%)	5/4/3 S
8	ON / OFF	Output 2	Low	C-W-U-	switch	31/2/0, 5/0/20 S
9	Dimming	Output 2	Low	C-W-U-	dimming control	5/2/20 S
10	Brightness value	Output 2	Low	C-W-U-	percentage (0..100%)	5/3/20 S
11	Timer	Output 2	Low	C-W-U-	start/stop	
12	Priority	Output 2	Low	C-W-U-	boolean control	
13	Scene	Output 2	Low	C-W-U-	1 byte	
14	Status indication	Output 2	Low	CR-TU-	switch	5/1/20 S
15	Brightness value indication	Output 2	Low	CR-TU-	percentage (0..100%)	5/4/20 S
16	ON / OFF	Output 3	Low	C-W-U-	switch	
17	Dimming	Output 3	Low	C-W-U-	dimming control	
18	Brightness value	Output 3	Low	C-W-U-	percentage (0..100%)	
19	Timer	Output 3	Low	C-W-U-	start/stop	
20	Priority	Output 3	Low	C-W-U-	boolean control	
21	Scene	Output 3	Low	C-W-U-	1 byte	
22	Status indication	Output 3	Low	CR-TU-	switch	
23	Brightness value indication	Output 3	Low	CR-TU-	percentage (0..100%)	

Topology BOUDROS

Address Description Serial Number Comments Installation Notes	Manufacturer	Order Number	Product	Application	Status
		Room		Trade	

+ 1.1 TP Line #1
 Basement & Ground Floor

■ 1.1.107 Hager Electro TXA604D 4-fold switch actuator 16A C-load 230V AC STXA604D Accepted
 0009:40357B42 Ground board

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
Output 1						
0	Output 1	ON/OFF	Low	CRW---	switch	10/0/18 S
1	Output 1	Status indication ON/OFF	Low	CR-T--	switch	10/1/18 S
Output 2						
10	Output 2	ON/OFF	Low	CRW---	switch	10/0/12 S
11	Output 2	Status indication ON/OFF	Low	CR-T--	switch	10/1/12 S
Output 3						
20	Output 3	ON/OFF	Low	CRW---	switch	31/2/0, 10/0/7 S
21	Output 3	Status indication ON/OFF	Low	CR-T--	switch	10/1/7 S
Output 4						
30	Output 4	ON/OFF	Low	CRW---	switch	10/0/4 S
31	Output 4	Status indication ON/OFF	Low	CR-T--	switch	10/1/4 S

■ 1.1.108 Hager Electro TXM616D 16-fold switch actuator 16A C-load 230V AC STXM616D Accepted
 0009:40374C3F Ground board

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
Output 1						
0	Output 1	ON/OFF	Low	CRW---	switch	10/0/16 S
1	Output 1	Status indication ON/OFF	Low	CR-T--	switch	10/1/16 S
Output 2						
10	Output 2	ON/OFF	Low	CRW---	switch	10/0/15 S
11	Output 2	Status indication ON/OFF	Low	CR-T--	switch	10/1/15 S
Output 3						
20	Output 3	ON/OFF	Low	CRW---	switch	10/0/19 S
21	Output 3	Status indication ON/OFF	Low	CR-T--	switch	10/1/19 S
Output 4						
30	Output 4	ON/OFF	Low	CRW---	switch	10/0/20 S
31	Output 4	Status indication ON/OFF	Low	CR-T--	switch	10/1/20 S
Output 5						
40	Output 5	ON/OFF	Low	CRW---	switch	10/0/21 S
41	Output 5	Status indication ON/OFF	Low	CR-T--	switch	10/1/21 S
Output 6						
50	Output 6	ON/OFF	Low	CRW---	switch	
51	Output 6	Status indication ON/OFF	Low	CR-T--	switch	
Output 7						
60	Output 7	ON/OFF	Low	CRW---	switch	10/0/10 S
61	Output 7	Status indication ON/OFF	Low	CR-T--	switch	10/1/10 S

Topology BOUDROS

Address Description	Manufacturer	Order Number	Product	Application	Status
Serial Number	Room	Trade			
Comments					
Installation Notes					

+ 1.1 TP Line #1
 Basement & Ground Floor

■ 1.1.108 Hager Electro TXM616D 16-fold switch actuator 16A C-load 230V AC STXM616D Accepted

0009:40374C3F Ground board

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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■ **Output 8**

70	Output 8	ON/OFF	Low	CRW---	switch	10/0/11 S
71	Output 8	Status indication ON/OFF	Low	CR-T--	switch	10/1/11 S

■ **Outputs 9-10**

80	Outputs 9-10	Up/down	Low	CRW---	up/down	24/0/8 S
82	Outputs 9-10	Stop (short press)	Low	CRW---	trigger	24/1/8 S
83	Outputs 9-10	Position in %	Low	CRW---	percentage (0..100%)	24/2/8 S
85	Outputs 9-10	Status indication position in %	Low	CR-T--	percentage (0..100%)	24/3/8 S
87	Outputs 9-10	Upper position reached	Low	CR-T--	boolean	24/4/8 S
88	Outputs 9-10	Lower position reached	Low	CR-T--	boolean	24/5/8 S

■ **Outputs 11-12**

100	Outputs 11-12	Up/down	Low	CRW---	up/down	24/0/9 S
102	Outputs 11-12	Stop (short press)	Low	CRW---	trigger	24/1/9 S
103	Outputs 11-12	Position in %	Low	CRW---	percentage (0..100%)	24/2/9 S
105	Outputs 11-12	Status indication position in %	Low	CR-T--	percentage (0..100%)	24/3/9 S
107	Outputs 11-12	Upper position reached	Low	CR-T--	boolean	24/4/9 S
108	Outputs 11-12	Lower position reached	Low	CR-T--	boolean	24/5/9 S

■ **Outputs 13-14**

120	Outputs 13-14	Up/down	Low	CRW---	up/down	24/0/10 S
122	Outputs 13-14	Stop (short press)	Low	CRW---	trigger	24/1/10 S
123	Outputs 13-14	Position in %	Low	CRW---	percentage (0..100%)	24/2/10 S
125	Outputs 13-14	Status indication position in %	Low	CR-T--	percentage (0..100%)	24/3/10 S
127	Outputs 13-14	Upper position reached	Low	CR-T--	boolean	24/4/10 S
128	Outputs 13-14	Lower position reached	Low	CR-T--	boolean	24/5/10 S

■ **Outputs 15-16**

140	Outputs 15-16	Up/down	Low	CRW---	up/down	24/0/11 S
142	Outputs 15-16	Stop (short press)	Low	CRW---	trigger	24/1/11 S
143	Outputs 15-16	Position in %	Low	CRW---	percentage (0..100%)	24/2/11 S
145	Outputs 15-16	Status indication position in %	Low	CR-T--	percentage (0..100%)	24/3/11 S
147	Outputs 15-16	Upper position reached	Low	CR-T--	boolean	24/4/11 S
148	Outputs 15-16	Lower position reached	Low	CR-T--	boolean	24/5/11 S

■ **Information**

■ 1.1.109 Hager Electro TXA662AN 2-fold dimming actuator 300W, universal STXA662AN Accepted

0009:4037A994 Ground board

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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■ **Output 1**

Topology BOUDROS

Address Description	Manufacturer	Order Number	Product	Application	Status
Serial Number	Room	Trade			
Comments					
Installation Notes					

+ 1.1 TP Line #1
 Basement & Ground Floor

+ 1.1.109 Hager Electro TXA662AN 2-fold dimming actuator 300W, STXA662AN universal Accepted
 0009:4037A994 Ground board

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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+ **Output 1**

0	Output 1	ON/OFF	Low	CRW---	switch	10/0/14 S
1	Output 1	Dimming	Low	CRW---	dimming control	10/2/14 S
2	Output 1	Brightness value	Low	CRW---	percentage (0..100%)	10/3/14 S
3	Output 1	Load memorisation	Low	CRW---	start/stop	
8	Output 1	Status indication ON/OFF	Low	CR-T--	switch	10/1/14 S
9	Output 1	Status ind. brightness value	Low	CR-T--	percentage (0..100%)	10/4/14 S

+ **Output 2**

14	Output 2	ON/OFF	Low	CRW---	switch	
15	Output 2	Dimming	Low	CRW---	dimming control	
16	Output 2	Brightness value	Low	CRW---	percentage (0..100%)	
17	Output 2	Load memorisation	Low	CRW---	start/stop	
22	Output 2	Status indication ON/OFF	Low	CR-T--	switch	
23	Output 2	Status ind. brightness value	Low	CR-T--	percentage (0..100%)	

+ **Information**

+ 1.1.110 Hager Electro TXA662AN 2-fold dimming actuator 300W, STXA662AN universal Accepted

0009:404F7F52 Ground board

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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+ **Output 1**

0	Output 1	ON/OFF	Low	CRW---	switch	10/0/1 S, 10/5/1
1	Output 1	Dimming	Low	CRW---	dimming control	10/2/1 S, 10/5/2
2	Output 1	Brightness value	Low	CRW---	percentage (0..100%)	10/3/1 S
3	Output 1	Load memorisation	Low	CRW---	start/stop	
8	Output 1	Status indication ON/OFF	Low	CR-T--	switch	10/1/1 S
9	Output 1	Status ind. brightness value	Low	CR-T--	percentage (0..100%)	10/4/1 S

+ **Output 2**

14	Output 2	ON/OFF	Low	CRW---	switch	10/0/3 S
15	Output 2	Dimming	Low	CRW---	dimming control	10/2/3 S
16	Output 2	Brightness value	Low	CRW---	percentage (0..100%)	10/3/3 S
17	Output 2	Load memorisation	Low	CRW---	start/stop	
22	Output 2	Status indication ON/OFF	Low	CR-T--	switch	10/1/3 S
23	Output 2	Status ind. brightness value	Low	CR-T--	percentage (0..100%)	10/4/3 S

+ **Information**

Topology BOUDROS

Address Description	Manufacturer	Order Number	Product	Application	Status
Serial Number	Room	Trade			
Comments					
Installation Notes					

+ 1.1 TP Line #1
 Basement & Ground Floor

■ 1.1.113 Hager Electro TXM616D 16-fold switch actuator 16A C-load 230V AC STXM616D Accepted

0009:40374C56 Ground board

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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■ **Outputs 1-2**

0	Outputs 1-2	Up/down	Low	CRW---	up/down	24/0/0 S, 18/0/0
2	Outputs 1-2	Stop (short press)	Low	CRW---	trigger	24/1/0 S, 18/0/1
3	Outputs 1-2	Position in %	Low	CRW---	percentage (0..100%)	24/2/0 S
5	Outputs 1-2	Status indication position in %	Low	CR-T--	percentage (0..100%)	24/3/0 S
7	Outputs 1-2	Upper position reached	Low	CR-T--	boolean	24/4/0 S
8	Outputs 1-2	Lower position reached	Low	CR-T--	boolean	24/5/0 S

■ **Outputs 3-4**

20	Outputs 3-4	Up/down	Low	CRW---	up/down	24/0/1 S, 18/0/0
22	Outputs 3-4	Stop (short press)	Low	CRW---	trigger	24/1/1 S, 18/0/1
23	Outputs 3-4	Position in %	Low	CRW---	percentage (0..100%)	24/2/1 S
25	Outputs 3-4	Status indication position in %	Low	CR-T--	percentage (0..100%)	24/3/1 S
27	Outputs 3-4	Upper position reached	Low	CR-T--	boolean	24/4/1 S
28	Outputs 3-4	Lower position reached	Low	CR-T--	boolean	24/5/1 S

■ **Outputs 5-6**

40	Outputs 5-6	Up/down	Low	CRW---	up/down	24/0/2 S, 18/0/0
42	Outputs 5-6	Stop (short press)	Low	CRW---	trigger	24/1/2 S, 18/0/1
43	Outputs 5-6	Position in %	Low	CRW---	percentage (0..100%)	24/2/2 S
45	Outputs 5-6	Status indication position in %	Low	CR-T--	percentage (0..100%)	24/3/2 S
47	Outputs 5-6	Upper position reached	Low	CR-T--	boolean	24/4/2 S
48	Outputs 5-6	Lower position reached	Low	CR-T--	boolean	24/5/2 S

■ **Outputs 7-8**

60	Outputs 7-8	Up/down	Low	CRW---	up/down	24/0/3 S, 18/0/0
62	Outputs 7-8	Stop (short press)	Low	CRW---	trigger	24/1/3 S, 18/0/1
63	Outputs 7-8	Position in %	Low	CRW---	percentage (0..100%)	24/2/3 S
65	Outputs 7-8	Status indication position in %	Low	CR-T--	percentage (0..100%)	24/3/3 S
67	Outputs 7-8	Upper position reached	Low	CR-T--	boolean	24/4/3 S
68	Outputs 7-8	Lower position reached	Low	CR-T--	boolean	24/5/3 S

■ **Outputs 9-10**

80	Outputs 9-10	Up/down	Low	CRW---	up/down	24/0/4 S
82	Outputs 9-10	Stop (short press)	Low	CRW---	trigger	24/1/4 S
83	Outputs 9-10	Position in %	Low	CRW---	percentage (0..100%)	24/2/4 S
85	Outputs 9-10	Status indication position in %	Low	CR-T--	percentage (0..100%)	24/3/4 S
87	Outputs 9-10	Upper position reached	Low	CR-T--	boolean	24/4/4 S
88	Outputs 9-10	Lower position reached	Low	CR-T--	boolean	24/5/4 S

■ **Outputs 11-12**

100	Outputs 11-12	Up/down	Low	CRW---	up/down	24/0/5 S
102	Outputs 11-12	Stop (short press)	Low	CRW---	trigger	24/1/5 S

Topology BOUDROS

Address Description	Manufacturer	Order Number	Product	Application	Status
Serial Number	Room			Trade	
Comments					
Installation Notes					

+ 1.1 TP Line #1
 Basement & Ground Floor

■ 1.1.113 Hager Electro TXM616D 16-fold switch actuator 16A C-load 230V AC STXM616D Accepted

0009:40374C56 Ground board

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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■ **Outputs 11-12**

103	Outputs 11-12	Position in %	Low	CRW---	percentage (0..100%)	24/2/5 S
105	Outputs 11-12	Status indication position in %	Low	CR-T--	percentage (0..100%)	24/3/5 S
107	Outputs 11-12	Upper position reached	Low	CR-T--	boolean	24/4/5 S
108	Outputs 11-12	Lower position reached	Low	CR-T--	boolean	24/5/5 S

■ **Outputs 13-14**

120	Outputs 13-14	Up/down	Low	CRW---	up/down	24/0/6 S
122	Outputs 13-14	Stop (short press)	Low	CRW---	trigger	24/1/6 S
123	Outputs 13-14	Position in %	Low	CRW---	percentage (0..100%)	24/2/6 S
125	Outputs 13-14	Status indication position in %	Low	CR-T--	percentage (0..100%)	24/3/6 S
127	Outputs 13-14	Upper position reached	Low	CR-T--	boolean	24/4/6 S
128	Outputs 13-14	Lower position reached	Low	CR-T--	boolean	24/5/6 S

■ **Outputs 15-16**

140	Outputs 15-16	Up/down	Low	CRW---	up/down	24/0/7 S
142	Outputs 15-16	Stop (short press)	Low	CRW---	trigger	24/1/7 S
143	Outputs 15-16	Position in %	Low	CRW---	percentage (0..100%)	24/2/7 S
145	Outputs 15-16	Status indication position in %	Low	CR-T--	percentage (0..100%)	24/3/7 S
147	Outputs 15-16	Upper position reached	Low	CR-T--	boolean	24/4/7 S
148	Outputs 15-16	Lower position reached	Low	CR-T--	boolean	24/5/7 S

■ **Information**

■ 1.1.114 Hager Electro TXA662AN 2-fold dimming actuator 300W, universal STXA662AN Accepted

0009:40399A2E Ground board

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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■ **Output 1**

0	Output 1	ON/OFF	Low	CRW---	switch	10/0/0 S, 10/5/1
1	Output 1	Dimming	Low	CRW---	dimming control	10/2/0 S, 10/5/2
2	Output 1	Brightness value	Low	CRW---	percentage (0..100%)	10/3/0 S
3	Output 1	Load memorisation	Low	CRW---	start/stop	
8	Output 1	Status indication ON/OFF	Low	CR-T--	switch	10/1/0 S
9	Output 1	Status ind. brightness value	Low	CR-T--	percentage (0..100%)	10/4/0 S

■ **Output 2**

14	Output 2	ON/OFF	Low	CRW---	switch	10/0/2 S
15	Output 2	Dimming	Low	CRW---	dimming control	10/2/2 S
16	Output 2	Brightness value	Low	CRW---	percentage (0..100%)	10/3/2 S
17	Output 2	Load memorisation	Low	CRW---	start/stop	
22	Output 2	Status indication ON/OFF	Low	CR-T--	switch	10/1/2 S

Topology BOUDROS

Address Description	Manufacturer	Order Number	Product	Application	Status
Serial Number		Room		Trade	
Comments					
Installation Notes					

+ 1.1 TP Line #1
 Basement & Ground Floor

■ 1.1.114 Hager Electro TXA662AN 2-fold dimming actuator 300W, STXA662AN universal Accepted
 0009:40399A2E Ground board

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
Output 2						
23	Output 2	Status ind. brightness value	Low	CR-T--	percentage (0..100%)	10/4/2 S

Information

■ 1.1.115 Hager Electro TYA664BN 4-fold dimming actuator 600W, STYA664N universal Accepted
 0009:403A35AA Ground board

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
Output 1						
0	Output 1	ON/OFF	Low	CRW---	switch	31/2/0, 10/0/17 S
1	Output 1	Dimming	Low	CRW---	dimming control	10/2/17 S
2	Output 1	Brightness value	Low	CRW---	percentage (0..100%)	10/3/17 S
4	Output 1	Default memorisation	Low	CR-T--	alarm	
7	Output 1	Status indication ON/OFF	Low	CR-T--	switch	10/1/17 S
8	Output 1	Status ind. brightness value	Low	CR-T--	percentage (0..100%)	10/4/17 S

Output 2						
31	Output 2	ON/OFF	Low	CRW---	switch	31/2/0, 10/0/8 S
32	Output 2	Dimming	Low	CRW---	dimming control	10/2/8 S
33	Output 2	Brightness value	Low	CRW---	percentage (0..100%)	10/3/8 S
35	Output 2	Default memorisation	Low	CR-T--	alarm	
38	Output 2	Status indication ON/OFF	Low	CR-T--	switch	10/1/8 S
39	Output 2	Status ind. brightness value	Low	CR-T--	percentage (0..100%)	10/4/8 S

Output 3						
62	Output 3	ON/OFF	Low	CRW---	switch	31/2/0, 10/0/13 S
63	Output 3	Dimming	Low	CRW---	dimming control	10/2/13 S
64	Output 3	Brightness value	Low	CRW---	percentage (0..100%)	10/3/13 S
66	Output 3	Default memorisation	Low	CR-T--	alarm	
69	Output 3	Status indication ON/OFF	Low	CR-T--	switch	10/1/13 S
70	Output 3	Status ind. brightness value	Low	CR-T--	percentage (0..100%)	10/4/13 S

Output 4						
93	Output 4	ON/OFF	Low	CRW---	switch	12/0/0 S
94	Output 4	Dimming	Low	CRW---	dimming control	12/2/0 S
95	Output 4	Brightness value	Low	CRW---	percentage (0..100%)	12/3/0 S
97	Output 4	Default memorisation	Low	CR-T--	alarm	
100	Output 4	Status indication ON/OFF	Low	CR-T--	switch	12/1/0 S
101	Output 4	Status ind. brightness value	Low	CR-T--	percentage (0..100%)	12/4/0 S

Information

Topology BOUDROS

Address Description	Manufacturer	Order Number	Product	Application	Status
Serial Number	Room	Trade			
Comments					
Installation Notes					

1.1 TP Line #1

Basement & Ground Floor

1.1.116 Hager Electro TXA306 6-fold input universal STXA306 V1.2 Accepted
0009:4032C1BE

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
1	Input 1	ON / OFF	Low	CR-TU-	switch	29/0/0 S
7	Input 2	ON / OFF	Low	CR-TU-	switch	29/1/0 S
13	Input 3	ON / OFF	Low	CR-TU-	switch	29/2/0 S
19	Input 4	ON / OFF Channel A	Low	CR-TU-	switch	29/3/0 S
38	Jamming	Jamming	Low	CRW-U-	enable	29/3/2 S
39	Maintenance	Maintenance	Low	CR-TU-	2 bytes	
40	Input 1	Status indication	Low	CRW-U-	switch	
53	Input 2	Status indication	Low	CRW-U-	switch	
66	Input 3	Status indication	Low	CRW-U-	switch	
79	Input 4	Status indication	Low	CRW-U-	switch	29/3/1 S
83	Input 4	ON / OFF Channel B	Low	CR-TU-	switch	29/3/3 S
92	Input 5	Status indication	Low	CRW-U-	switch	
105	Input 6	Status indication	Low	CRW-U-	switch	

1.1.117 Hager Electro TXA306 6-fold input universal STXA306 V1.2 Accepted
0009:40390B3B

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
1	Input 1	ON / OFF	Low	CR-TU-	switch	28/0/4 S
7	Input 2	ON / OFF	Low	CR-TU-	switch	
13	Input 3	ON / OFF	Low	CR-TU-	switch	28/0/6 S
19	Input 4	ON / OFF	Low	CR-TU-	switch	28/0/5 S
38	Jamming	Jamming	Low	CRW-U-	enable	
39	Maintenance	Maintenance	Low	CR-TU-	2 bytes	
40	Input 1	Status indication	Low	CRW-U-	switch	
53	Input 2	Status indication	Low	CRW-U-	switch	
66	Input 3	Status indication	Low	CRW-U-	switch	
79	Input 4	Status indication	Low	CRW-U-	switch	
92	Input 5	Status indication	Low	CRW-U-	switch	
105	Input 6	Status indication	Low	CRW-U-	switch	

1.1.118 Hager Electro TYM646R Heating actuator 6 channels STYM646R Accepted
KNX, with regulation, 24/230V
0009:403A315A

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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General

General > General

182	General	Heating activation	Low	C-WTU-	switch	28/5/11 S
138	General	Date and time	Low	C-WTU-	date time	
5						
138	General	Date and time request	Low	CR-T--	trigger	
6						

General > Valves / Pump

Topology BOUDROS

Address Description Serial Number Comments Installation Notes	Manufacturer	Order Number	Product	Application	Status
		Room		Trade	

+ 1.1 TP Line #1
 Basement & Ground Floor

■ 1.1.118 Hager Electro TYM646R Heating actuator 6 channels STYM646R Accepted
 KNX, with regulation, 24/230V
 0009:403A315A

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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📁 **General > Valves / Pump**

168	General	Heat requirement	Low	CR-T--	boolean	28/0/7 S
169	General	External heat requirement	Low	C-WTU-	boolean	

📁 **Outputs**

📁 **Outputs > Output 1**

3	Output 1	Status indication ON/OFF	Low	CR-T--	switch	
4	Output 1	Status valve position in %	Low	CR-T--	percentage (0..100%)	
5	Output 1	Command value monitoring failure	Low	CR-T--	alarm	
21	Output 1	Valve protection duration	Low	C-WTU-	time (min)	
22	Output 1	Valve protection periodicity	Low	C-WTU-	time (h)	

📁 **Outputs > Output 2**

30	Output 2	Status indication ON/OFF	Low	CR-T--	switch	
31	Output 2	Status valve position in %	Low	CR-T--	percentage (0..100%)	
32	Output 2	Command value monitoring failure	Low	CR-T--	alarm	
48	Output 2	Valve protection duration	Low	C-WTU-	time (min)	
49	Output 2	Valve protection periodicity	Low	C-WTU-	time (h)	

📁 **Outputs > Output 3**

57	Output 3	Status indication ON/OFF	Low	CR-T--	switch	
58	Output 3	Status valve position in %	Low	CR-T--	percentage (0..100%)	
59	Output 3	Command value monitoring failure	Low	CR-T--	alarm	
75	Output 3	Valve protection duration	Low	C-WTU-	time (min)	
76	Output 3	Valve protection periodicity	Low	C-WTU-	time (h)	

📁 **Outputs > Output 4**

84	Output 4	Status indication ON/OFF	Low	CR-T--	switch	
85	Output 4	Status valve position in %	Low	CR-T--	percentage (0..100%)	
86	Output 4	Command value monitoring failure	Low	CR-T--	alarm	
102	Output 4	Valve protection duration	Low	C-WTU-	time (min)	
103	Output 4	Valve protection periodicity	Low	C-WTU-	time (h)	

📁 **Outputs > Output 5**

111	Output 5	Status indication ON/OFF	Low	CR-T--	switch	
112	Output 5	Status valve position in %	Low	CR-T--	percentage (0..100%)	
113	Output 5	Command value monitoring failure	Low	CR-T--	alarm	
129	Output 5	Valve protection duration	Low	C-WTU-	time (min)	

Topology BOUDROS

Address Description Serial Number Comments Installation Notes	Manufacturer	Order Number	Product	Application	Status
	Room			Trade	

+ 1.1 TP Line #1
 Basement & Ground Floor

■ 1.1.118 Hager Electro TYM646R Heating actuator 6 channels STYM646R Accepted
 KNX, with regulation, 24/230V
 0009:403A315A

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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📁 **Outputs > Output 5**

130 Output 5 Valve protection periodicity Low C-WTU- time (h)

📁 **Outputs > Output 6**

138 Output 6 Status indication ON/OFF Low CR-T-- switch

139 Output 6 Status valve position in % Low CR-T-- percentage (0..100%)

140 Output 6 Command value monitoring failure Low CR-T-- alarm

156 Output 6 Valve protection duration Low C-WTU- time (min)

157 Output 6 Valve protection periodicity Low C-WTU- time (h)

■ **Thermostats**

📁 **Thermostats > BEDROOM 2**

183 BEDROOM 2 Setpoint selection Low C-WTU- HVAC mode 28/4/4 S

190 BEDROOM 2 Heating/Cooling - changeover Low C-WTU- cooling/heating 28/0/2, 28/0/3 S

194 BEDROOM 2 Windows contact Low C-WTU- window/door

196 BEDROOM 2 Status indication setpoint selection Low CR-T-- HVAC mode 28/4/5 S

198 BEDROOM 2 Heating/Cooling - status indication Low CR-T-- cooling/heating 28/4/12 S

199 BEDROOM 2 Status indication heating active Low CR-T-- state 28/4/2 S

200 BEDROOM 2 Status indication cooling active Low CR-T-- state 28/4/3 S

202 BEDROOM 2 ON/OFF Low CR-T-- switch

203 BEDROOM 2 Valve position in % Low CR-T-- percentage (0..100%) 28/4/6 S

210 BEDROOM 2 Room temperature 1 Low C-WTU- temperature (°C) 19/3/0 S

214 BEDROOM 2 Status indication room temperature Low CR-T-- temperature (°C)

237 BEDROOM 2 Setpoints heating Low C-WTU- 8 bytes

242 BEDROOM 2 Setpoints cooling Low C-WTU- 8 bytes

243 BEDROOM 2 Setpoint shift Low C-WTU- temperature difference (K)

244 BEDROOM 2 Current setpoint Low C-WTU- temperature (°C) 28/4/0 S

245 BEDROOM 2 Status indication setpoint shift Low CR-T-- temperature difference (K)

251 BEDROOM 2 Status indication setpoints heating Low CR-T-- 8 bytes

256 BEDROOM 2 Status indication setpoints cooling Low CR-T-- 8 bytes

257 BEDROOM 2 Status current setpoint Low CR-T-- temperature (°C) 28/4/1 S

279 BEDROOM 2 Valve protection duration Low C-WTU- time (min)

280 BEDROOM 2 Valve protection periodicity Low C-WTU- time (h)

Topology BOUDROS

Address Description Serial Number Comments Installation Notes	Manufacturer	Order Number	Product	Application	Status
		Room		Trade	

+ 1.1 TP Line #1
 Basement & Ground Floor

■ 1.1.118 Hager Electro TYM646R Heating actuator 6 channels STYM646R Accepted
 KNX, with regulation, 24/230V

0009:403A315A

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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📁 **Thermostats > MASTER 1**

282	MASTER 1	Setpoint selection	Low	C-WTU-	HVAC mode	28/1/4 S
289	MASTER 1	Heating/Cooling - changeover	Low	C-WTU-	cooling/heating	28/0/2, 28/0/3 S
293	MASTER 1	Windows contact	Low	C-WTU-	window/door	
295	MASTER 1	Status indication setpoint selection	Low	CR-T--	HVAC mode	28/1/5 S
297	MASTER 1	Heating/Cooling - status indication	Low	CR-T--	cooling/heating	28/1/12 S
298	MASTER 1	Status indication heating active	Low	CR-T--	state	28/1/2 S
299	MASTER 1	Status indication cooling active	Low	CR-T--	state	28/1/3 S
301	MASTER 1	ON/OFF	Low	CR-T--	switch	
302	MASTER 1	Valve position in %	Low	CR-T--	percentage (0..100%)	28/1/6 S
309	MASTER 1	Room temperature 1	Low	C-WTU-	temperature (°C)	19/4/0 S
313	MASTER 1	Status indication room temperature	Low	CR-T--	temperature (°C)	
336	MASTER 1	Setpoints heating	Low	C-WTU-	8 bytes	
341	MASTER 1	Setpoints cooling	Low	C-WTU-	8 bytes	
342	MASTER 1	Setpoint shift	Low	C-WTU-	temperature difference (K)	
343	MASTER 1	Current setpoint	Low	C-WTU-	temperature (°C)	28/1/0 S
344	MASTER 1	Status indication setpoint shift	Low	CR-T--	temperature difference (K)	
350	MASTER 1	Status indication setpoints heating	Low	CR-T--	8 bytes	
355	MASTER 1	Status indication setpoints cooling	Low	CR-T--	8 bytes	
356	MASTER 1	Status current setpoint	Low	CR-T--	temperature (°C)	28/1/1 S
368	MASTER 1	Preset 1	Low	C-WTU-	enable	
369	MASTER 1	Preset 2	Low	C-WTU-	enable	
378	MASTER 1	Valve protection duration	Low	C-WTU-	time (min)	
379	MASTER 1	Valve protection periodicity	Low	C-WTU-	time (h)	

📁 **Thermostats > BEDROOM 1**

381	BEDROOM 1	Setpoint selection	Low	C-WTU-	HVAC mode	28/3/4 S
388	BEDROOM 1	Heating/Cooling - changeover	Low	C-WTU-	cooling/heating	28/0/2, 28/0/3 S
392	BEDROOM 1	Windows contact	Low	C-WTU-	window/door	
394	BEDROOM 1	Status indication setpoint selection	Low	CR-T--	HVAC mode	28/3/5 S
396	BEDROOM 1	Heating/Cooling - status indication	Low	CR-T--	cooling/heating	28/3/12 S
397	BEDROOM 1	Status indication heating active	Low	CR-T--	state	28/3/2 S

Topology BOUDROS

Address Description	Manufacturer	Order Number	Product	Application	Status
Serial Number	Room	Trade			
Comments					
Installation Notes					

1.1 TP Line #1

Basement & Ground Floor

1.1.118	Hager Electro	TYM646R	Heating actuator 6 channels KNX, with regulation, 24/230V	STYM646R	Accepted
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0009:403A315A

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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Thermostats > BEDROOM 1

398	BEDROOM 1	Status indication cooling active	Low	CR-T--	state	28/3/3 S
400	BEDROOM 1	ON/OFF	Low	CR-T--	switch	
401	BEDROOM 1	Valve position in %	Low	CR-T--	percentage (0..100%)	28/3/6 S
408	BEDROOM 1	Room temperature 1	Low	C-WTU-	temperature (°C)	19/2/0 S
412	BEDROOM 1	Status indication room temperature	Low	CR-T--	temperature (°C)	
435	BEDROOM 1	Setpoints heating	Low	C-WTU-	8 bytes	
440	BEDROOM 1	Setpoints cooling	Low	C-WTU-	8 bytes	
441	BEDROOM 1	Setpoint shift	Low	C-WTU-	temperature difference (K)	
442	BEDROOM 1	Current setpoint	Low	C-WTU-	temperature (°C)	28/3/0 S
443	BEDROOM 1	Status indication setpoint shift	Low	CR-T--	temperature difference (K)	
449	BEDROOM 1	Status indication setpoints heating	Low	CR-T--	8 bytes	
454	BEDROOM 1	Status indication setpoints cooling	Low	CR-T--	8 bytes	
455	BEDROOM 1	Status current setpoint	Low	CR-T--	temperature (°C)	28/3/1 S
477	BEDROOM 1	Valve protection duration	Low	C-WTU-	time (min)	
478	BEDROOM 1	Valve protection periodicity	Low	C-WTU-	time (h)	

Thermostats > GROUND FLOOR

480	GROUND FLOOR	Setpoint selection	Low	C-WTU-	HVAC mode	28/5/4 S
487	GROUND FLOOR	Heating/Cooling - changeover	Low	C-WTU-	cooling/heating	28/0/2, 28/0/3 S
491	GROUND FLOOR	Windows contact	Low	C-WTU-	window/door	
493	GROUND FLOOR	Status indication setpoint selection	Low	CR-T--	HVAC mode	28/5/5 S
495	GROUND FLOOR	Heating/Cooling - status indication	Low	CR-T--	cooling/heating	28/5/12 S
496	GROUND FLOOR	Status indication heating active	Low	CR-T--	state	28/5/2 S
497	GROUND FLOOR	Status indication cooling active	Low	CR-T--	state	28/5/3 S
499	GROUND FLOOR	ON/OFF	Low	CR-T--	switch	
500	GROUND FLOOR	Valve position in %	Low	CR-T--	percentage (0..100%)	28/5/6 S
507	GROUND FLOOR	Room temperature 1	Low	C-WTU-	temperature (°C)	19/1/0 S
511	GROUND FLOOR	Status indication room temperature	Low	CR-T--	temperature (°C)	
534	GROUND FLOOR	Setpoints heating	Low	C-WTU-	8 bytes	
539	GROUND FLOOR	Setpoints cooling	Low	C-WTU-	8 bytes	
540	GROUND FLOOR	Setpoint shift	Low	C-WTU-	temperature difference (K)	

Topology BOUDROS

Address Description	Manufacturer	Order Number	Product	Application	Status
Serial Number	Room				Trade
Comments					
Installation Notes					

1.1 TP Line #1

Basement & Ground Floor

1.1.118 Hager Electro TYM646R Heating actuator 6 channels STYM646R Accepted
KNX, with regulation, 24/230V

0009:403A315A

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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Thermostats > GROUND FLOOR

541	GROUND FLOOR	Current setpoint	Low	C-WTU-	temperature (°C)	28/5/0 S
542	GROUND FLOOR	Status indication setpoint shift	Low	CR-T--	temperature difference (K)	
548	GROUND FLOOR	Status indication setpoints heating	Low	CR-T--	8 bytes	
553	GROUND FLOOR	Status indication setpoints cooling	Low	CR-T--	8 bytes	
554	GROUND FLOOR	Status current setpoint	Low	CR-T--	temperature (°C)	28/5/1 S
576	GROUND FLOOR	Valve protection duration	Low	C-WTU-	time (min)	
577	GROUND FLOOR	Valve protection periodicity	Low	C-WTU-	time (h)	

Thermostats > CORRIDOR

579	CORRIDOR	Setpoint selection	Low	C-WTU-	HVAC mode	
586	CORRIDOR	Heating/Cooling - changeover	Low	C-WTU-	cooling/heating	
590	CORRIDOR	Windows contact	Low	C-WTU-	window/door	
592	CORRIDOR	Status indication setpoint selection	Low	CR-T--	HVAC mode	
594	CORRIDOR	Heating/Cooling - status indication	Low	CR-T--	cooling/heating	
595	CORRIDOR	Status indication heating active	Low	CR-T--	state	
596	CORRIDOR	Status indication cooling active	Low	CR-T--	state	
598	CORRIDOR	ON/OFF	Low	CR-T--	switch	
599	CORRIDOR	Valve position in %	Low	CR-T--	percentage (0..100%)	
606	CORRIDOR	Room temperature 1	Low	C-WTU-	temperature (°C)	
610	CORRIDOR	Status indication room temperature	Low	CR-T--	temperature (°C)	
633	CORRIDOR	Setpoints heating	Low	C-WTU-	8 bytes	
638	CORRIDOR	Setpoints cooling	Low	C-WTU-	8 bytes	
639	CORRIDOR	Setpoint shift	Low	C-WTU-	temperature difference (K)	
640	CORRIDOR	Current setpoint	Low	C-WTU-	temperature (°C)	
641	CORRIDOR	Status indication setpoint shift	Low	CR-T--	temperature difference (K)	
647	CORRIDOR	Status indication setpoints heating	Low	CR-T--	8 bytes	
652	CORRIDOR	Status indication setpoints cooling	Low	CR-T--	8 bytes	
653	CORRIDOR	Status current setpoint	Low	CR-T--	temperature (°C)	
675	CORRIDOR	Valve protection duration	Low	C-WTU-	time (min)	
676	CORRIDOR	Valve protection periodicity	Low	C-WTU-	time (h)	

Topology BOUDROS

Address	Manufacturer	Order Number	Product	Application	Status
Description					
Serial Number		Room		Trade	
Comments					
Installation Notes					

1.1 TP Line #1
Basement & Ground Floor

1.1.118 Hager Electro TYM646R Heating actuator 6 channels STYM646R Accepted
KNX, with regulation, 24/230V
0009:403A315A

#	Name	Object Function	Priority	Flags	Data Type	Group Addresses
Description						

Information

1.1.119 Hager Electro TYM646R Heating actuator 6 channels STYM646R Accepted
KNX, with regulation, 24/230V
0009:403A3125

#	Name	Object Function	Priority	Flags	Data Type	Group Addresses
Description						

General

General > General

182	General	Heating activation	Low	C-WTU-	switch	28/6/11 S
138	General	Date and time	Low	C-WTU-	date time	
5						
138	General	Date and time request	Low	CR-T--	trigger	
6						

General > Valves / Pump

168	General	Heat requirement	Low	CR-T--	boolean	28/0/8 S
169	General	External heat requirement	Low	C-WTU-	boolean	

Outputs

Outputs > Output 1

2	Output 1	Valve position in %	Low	C-WTU-	percentage (0..100%)	28/5/6 S
3	Output 1	Status indication ON/OFF	Low	CR-T--	switch	
4	Output 1	Status valve position in %	Low	CR-T--	percentage (0..100%)	28/5/13 S
5	Output 1	Command value monitoring failure	Low	CR-T--	alarm	
10	Output 1	Heating/Cooling - changeover	Low	C-WTU-	cooling/heating	28/0/2, 28/0/3 S
21	Output 1	Valve protection duration	Low	C-WTU-	time (min)	
22	Output 1	Valve protection periodicity	Low	C-WTU-	time (h)	
27	Output 1	Room temperature failure	Low	C-WTU-	alarm	

Outputs > Output 2

29	Output 2	Valve position in %	Low	C-WTU-	percentage (0..100%)	28/5/6 S
30	Output 2	Status indication ON/OFF	Low	CR-T--	switch	
31	Output 2	Status valve position in %	Low	CR-T--	percentage (0..100%)	
32	Output 2	Command value monitoring failure	Low	CR-T--	alarm	
37	Output 2	Heating/Cooling - changeover	Low	C-WTU-	cooling/heating	28/0/2, 28/0/3 S
48	Output 2	Valve protection duration	Low	C-WTU-	time (min)	
49	Output 2	Valve protection periodicity	Low	C-WTU-	time (h)	
54	Output 2	Room temperature failure	Low	C-WTU-	alarm	

Outputs > Output 3

Topology BOUDROS

Address Description	Manufacturer	Order Number	Product	Application	Status
Serial Number	Room			Trade	
Comments					
Installation Notes					

1.1 TP Line #1

Basement & Ground Floor

	1.1.119	Hager Electro	TYM646R	Heating actuator 6 channels KNX, with regulation, 24/230V	STYM646R	Accepted
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0009:403A3125

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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Outputs > Output 3

57	Output 3	Status indication ON/OFF	Low	CR-T--	switch	
58	Output 3	Status valve position in %	Low	CR-T--	percentage (0..100%)	28/6/7 S
59	Output 3	Command value monitoring failure	Low	CR-T--	alarm	
75	Output 3	Valve protection duration	Low	C-WTU-	time (min)	
76	Output 3	Valve protection periodicity	Low	C-WTU-	time (h)	

Outputs > Output 4

84	Output 4	Status indication ON/OFF	Low	CR-T--	switch	
85	Output 4	Status valve position in %	Low	CR-T--	percentage (0..100%)	28/6/8 S
86	Output 4	Command value monitoring failure	Low	CR-T--	alarm	
102	Output 4	Valve protection duration	Low	C-WTU-	time (min)	
103	Output 4	Valve protection periodicity	Low	C-WTU-	time (h)	

Outputs > Output 5

111	Output 5	Status indication ON/OFF	Low	CR-T--	switch	
112	Output 5	Status valve position in %	Low	CR-T--	percentage (0..100%)	28/6/9 S
113	Output 5	Command value monitoring failure	Low	CR-T--	alarm	
129	Output 5	Valve protection duration	Low	C-WTU-	time (min)	
130	Output 5	Valve protection periodicity	Low	C-WTU-	time (h)	

Outputs > Output 6

138	Output 6	Status indication ON/OFF	Low	CR-T--	switch	
139	Output 6	Status valve position in %	Low	CR-T--	percentage (0..100%)	28/6/10 S
140	Output 6	Command value monitoring failure	Low	CR-T--	alarm	
156	Output 6	Valve protection duration	Low	C-WTU-	time (min)	
157	Output 6	Valve protection periodicity	Low	C-WTU-	time (h)	

Thermostats

Thermostats > UNUSED

183	UNUSED	Setpoint selection	Low	C-WTU-	HVAC mode	
194	UNUSED	Windows contact	Low	C-WTU-	window/door	
196	UNUSED	Status indication setpoint selection	Low	CR-T--	HVAC mode	
199	UNUSED	Status indication heating active	Low	CR-T--	state	
202	UNUSED	ON/OFF	Low	CR-T--	switch	
203	UNUSED	Valve position in %	Low	CR-T--	percentage (0..100%)	
210	UNUSED	Room temperature 1	Low	C-WTU-	temperature (°C)	

Topology BOUDROS

Address Description	Manufacturer	Order Number	Product	Application	Status
Serial Number	Room	Trade			
Comments					
Installation Notes					

1.1 TP Line #1

Basement & Ground Floor

1.1.119	Hager Electro	TYM646R	Heating actuator 6 channels KNX, with regulation, 24/230V	STYM646R	Accepted
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0009:403A3125

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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Thermostats > UNUSED

214	UNUSED	Status indication room temperature	Low	CR-T--	temperature (°C)	
237	UNUSED	Setpoints heating	Low	C-WTU-	8 bytes	
243	UNUSED	Setpoint shift	Low	C-WTU-	temperature difference (K)	
244	UNUSED	Current setpoint	Low	C-WTU-	temperature (°C)	
245	UNUSED	Status indication setpoint shift	Low	CR-T--	temperature difference (K)	
251	UNUSED	Status indication setpoints heating	Low	CR-T--	8 bytes	
257	UNUSED	Status current setpoint	Low	CR-T--	temperature (°C)	
279	UNUSED	Valve protection duration	Low	C-WTU-	time (min)	
280	UNUSED	Valve protection periodicity	Low	C-WTU-	time (h)	

Thermostats > BASEMENT

282	BASEMENT	Setpoint selection	Low	C-WTU-	HVAC mode	28/6/4 S
289	BASEMENT	Heating/Cooling - changeover	Low	C-WTU-	cooling/heating	28/0/2, 28/0/3 S
293	BASEMENT	Windows contact	Low	C-WTU-	window/door	
295	BASEMENT	Status indication setpoint selection	Low	CR-T--	HVAC mode	28/6/5 S
297	BASEMENT	Heating/Cooling - status indication	Low	CR-T--	cooling/heating	28/6/12 S
298	BASEMENT	Status indication heating active	Low	CR-T--	state	28/6/2 S
299	BASEMENT	Status indication cooling active	Low	CR-T--	state	28/6/3 S
301	BASEMENT	ON/OFF	Low	CR-T--	switch	
302	BASEMENT	Valve position in %	Low	CR-T--	percentage (0..100%)	28/6/6 S
309	BASEMENT	Room temperature 1	Low	C-WTU-	temperature (°C)	19/0/0 S
313	BASEMENT	Status indication room temperature	Low	CR-T--	temperature (°C)	
336	BASEMENT	Setpoints heating	Low	C-WTU-	8 bytes	
341	BASEMENT	Setpoints cooling	Low	C-WTU-	8 bytes	
342	BASEMENT	Setpoint shift	Low	C-WTU-	temperature difference (K)	
343	BASEMENT	Current setpoint	Low	C-WTU-	temperature (°C)	28/6/0 S
344	BASEMENT	Status indication setpoint shift	Low	CR-T--	temperature difference (K)	
350	BASEMENT	Status indication setpoints heating	Low	CR-T--	8 bytes	
355	BASEMENT	Status indication setpoints cooling	Low	CR-T--	8 bytes	
356	BASEMENT	Status current setpoint	Low	CR-T--	temperature (°C)	28/6/1 S
368	BASEMENT	Preset 1	Low	C-WTU-	enable	

Topology BOUDROS

Address Description	Manufacturer	Order Number	Product	Application	Status
Serial Number	Room		Trade		
Comments					
Installation Notes					

1.1 TP Line #1

Basement & Ground Floor

	1.1.119	Hager Electro	TYM646R	Heating actuator 6 channels KNX, with regulation, 24/230V	STYM646R	Accepted
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0009:403A3125

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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Thermostats > BASEMENT

369	BASEMENT	Preset 2	Low	C-WTU-	enable	
378	BASEMENT	Valve protection duration	Low	C-WTU-	time (min)	
379	BASEMENT	Valve protection periodicity	Low	C-WTU-	time (h)	

Information

	1.1.120	Hager Electro	TYM646R	Heating actuator 6 channels KNX, with regulation, 24/230V	STYM646R	Accepted
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0009:403AE891

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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General

General > General

182	General	Heating activation	Low	C-WTU-	switch	28/2/11 S
138	General	Date and time	Low	C-WTU-	date time	
5						
138	General	Date and time request	Low	CR-T--	trigger	
6						

General > Valves / Pump

168	General	Heat requirement	Low	CR-T--	boolean	28/0/9 S
169	General	External heat requirement	Low	C-WTU-	boolean	

Outputs

Outputs > Output 1

3	Output 1	Status indication ON/OFF	Low	CR-T--	switch	
4	Output 1	Status valve position in %	Low	CR-T--	percentage (0..100%)	28/1/13 S
5	Output 1	Command value monitoring failure	Low	CR-T--	alarm	
21	Output 1	Valve protection duration	Low	C-WTU-	time (min)	
22	Output 1	Valve protection periodicity	Low	C-WTU-	time (h)	

Outputs > Output 2

29	Output 2	Valve position in %	Low	C-WTU-	percentage (0..100%)	28/1/6 S
30	Output 2	Status indication ON/OFF	Low	CR-T--	switch	
31	Output 2	Status valve position in %	Low	CR-T--	percentage (0..100%)	
32	Output 2	Command value monitoring failure	Low	CR-T--	alarm	
37	Output 2	Heating/Cooling - changeover	Low	C-WTU-	cooling/heating	
48	Output 2	Valve protection duration	Low	C-WTU-	time (min)	
49	Output 2	Valve protection periodicity	Low	C-WTU-	time (h)	
54	Output 2	Room temperature failure	Low	C-WTU-	alarm	

Topology BOUDROS

Address Description Serial Number Comments Installation Notes	Manufacturer	Order Number	Product	Application	Status
		Room		Trade	

+ 1.1 TP Line #1
 Basement & Ground Floor

■ 1.1.120 Hager Electro TYM646R Heating actuator 6 channels STYM646R Accepted
 KNX, with regulation, 24/230V

0009:403AE891

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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📁 **Outputs > Output 3**

57	Output 3	Status indication ON/OFF	Low	CR-T--	switch	
58	Output 3	Status valve position in %	Low	CR-T--	percentage (0..100%)	
59	Output 3	Command value monitoring failure	Low	CR-T--	alarm	
75	Output 3	Valve protection duration	Low	C-WTU-	time (min)	
76	Output 3	Valve protection periodicity	Low	C-WTU-	time (h)	

📁 **Outputs > Output 4**

84	Output 4	Status indication ON/OFF	Low	CR-T--	switch	
85	Output 4	Status valve position in %	Low	CR-T--	percentage (0..100%)	28/5/13 S
86	Output 4	Command value monitoring failure	Low	CR-T--	alarm	
102	Output 4	Valve protection duration	Low	C-WTU-	time (min)	
103	Output 4	Valve protection periodicity	Low	C-WTU-	time (h)	

📁 **Thermostats**

📁 **Thermostats > MASTER 2**

183	MASTER 2	Setpoint selection	Low	C-WTU-	HVAC mode	28/2/4 S
190	MASTER 2	Heating/Cooling - changeover	Low	C-WTU-	cooling/heating	28/0/2, 28/0/3 S
194	MASTER 2	Windows contact	Low	C-WTU-	window/door	
196	MASTER 2	Status indication setpoint selection	Low	CR-T--	HVAC mode	28/2/5 S
198	MASTER 2	Heating/Cooling - status indication	Low	CR-T--	cooling/heating	28/2/12 S
199	MASTER 2	Status indication heating active	Low	CR-T--	state	28/2/2 S
200	MASTER 2	Status indication cooling active	Low	CR-T--	state	28/2/3 S
202	MASTER 2	ON/OFF	Low	CR-T--	switch	
203	MASTER 2	Valve position in %	Low	CR-T--	percentage (0..100%)	28/2/6 S
210	MASTER 2	Room temperature 1	Low	C-WTU-	temperature (°C)	19/5/0 S
214	MASTER 2	Status indication room temperature	Low	CR-T--	temperature (°C)	
237	MASTER 2	Setpoints heating	Low	C-WTU-	8 bytes	
242	MASTER 2	Setpoints cooling	Low	C-WTU-	8 bytes	
243	MASTER 2	Setpoint shift	Low	C-WTU-	temperature difference (K)	
244	MASTER 2	Current setpoint	Low	C-WTU-	temperature (°C)	28/2/0 S
245	MASTER 2	Status indication setpoint shift	Low	CR-T--	temperature difference (K)	
251	MASTER 2	Status indication setpoints heating	Low	CR-T--	8 bytes	

Topology BOUDROS

Address Description	Manufacturer	Order Number	Product	Application	Status
Serial Number	Room	Trade			
Comments					
Installation Notes					

+ 1.1 TP Line #1
 Basement & Ground Floor

■ 1.1.120 Hager Electro TYM646R Heating actuator 6 channels STYM646R Accepted
 KNX, with regulation, 24/230V
 0009:403AE891

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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📁 **Thermostats > MASTER 2**

256	MASTER 2	Status indication setpoints cooling	Low	CR-T--	8 bytes	
257	MASTER 2	Status current setpoint	Low	CR-T--	temperature (°C)	28/2/1 S
279	MASTER 2	Valve protection duration	Low	C-WTU-	time (min)	
280	MASTER 2	Valve protection periodicity	Low	C-WTU-	time (h)	

☰ **Information**

■ 1.1.121 Hager Electro TXB602F 2-fold switch actuator 6A 230V STXB602F Accepted
 AC, embedded
 0009:40374BCC

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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☰ **Output 1**

0	Output 1	ON/OFF	Low	CRW---	switch	5/0/0 S
1	Output 1	Status indication ON/OFF	Low	CR-T--	switch	5/1/0 S

☰ **Output 2**

10	Output 2	ON/OFF	Low	CRW---	switch	5/0/1 S
11	Output 2	Status indication ON/OFF	Low	CR-T--	switch	5/1/1 S

☰ **Information**

■ 1.1.123 Hager Electro TX211A 3 dimming outputs 1/10V TL211B V1.0 Accepted
 0009:053E71B9

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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0	ON / OFF	Output 1	Low	C-W-U-	switch	10/0/5 S
1	Dimming	Output 1	Low	C-W-U-	dimming control	10/2/5 S
2	Brightness value	Output 1	Low	C-W-U-	percentage (0..100%)	10/3/5 S
3	Timer	Output 1	Low	C-W-U-	start/stop	
4	Priority	Output 1	Low	C-W-U-	boolean control	
5	Scene	Output 1	Low	C-W-U-	1 byte	
6	Status indication	Output 1	Low	CR-TU-	switch	10/1/5 S
7	Brightness value indication	Output 1	Low	CR-TU-	percentage (0..100%)	10/4/5 S
8	ON / OFF	Output 2	Low	C-W-U-	switch	10/0/6 S
9	Dimming	Output 2	Low	C-W-U-	dimming control	10/2/6 S
10	Brightness value	Output 2	Low	C-W-U-	percentage (0..100%)	10/3/6 S
11	Timer	Output 2	Low	C-W-U-	start/stop	
12	Priority	Output 2	Low	C-W-U-	boolean control	
13	Scene	Output 2	Low	C-W-U-	1 byte	
14	Status indication	Output 2	Low	CR-TU-	switch	10/1/6 S
15	Brightness value indication	Output 2	Low	CR-TU-	percentage (0..100%)	10/4/6 S

Topology BOUDROS

Address Description Serial Number Comments Installation Notes	Manufacturer	Order Number	Product	Application	Status
Room	Trade				

1.1 TP Line #1
Basement & Ground Floor

1.1.123 Hager Electro TX211A 3 dimming outputs 1/10V TL211B V1.0 Accepted
0009:053E71B9

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
16	ON / OFF	Output 3	Low	C-W-U-	switch	10/0/9 S
17	Dimming	Output 3	Low	C-W-U-	dimming control	10/2/9 S
18	Brightness value	Output 3	Low	C-W-U-	percentage (0..100%)	10/3/9 S
19	Timer	Output 3	Low	C-W-U-	start/stop	
20	Priority	Output 3	Low	C-W-U-	boolean control	
21	Scene	Output 3	Low	C-W-U-	1 byte	
22	Status indication	Output 3	Low	CR-TU-	switch	10/1/9 S
23	Brightness value indication	Output 3	Low	CR-TU-	percentage (0..100%)	10/4/9 S

1.1.124 Hager Electro TXB692F 2-fold switch actuator 6A 230V STXB692F Accepted
AC + 2 inputs, embedded
0009:403A8FE1

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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Outputs 1-2

0	Outputs 1-2	Up/down	Low	CRW---	up/down	2/3/0 S
2	Outputs 1-2	Stop (short press)	Low	CRW---	trigger	2/3/1 S
3	Outputs 1-2	Position in %	Low	CRW---	percentage (0..100%)	2/3/4 S
5	Outputs 1-2	Status indication position in %	Low	CR-T--	percentage (0..100%)	2/3/5 S
7	Outputs 1-2	Upper position reached	Low	CR-T--	boolean	2/3/2 S
8	Outputs 1-2	Lower position reached	Low	CR-T--	boolean	2/3/3 S
9	Outputs 1-2	Priority	Low	CRW---	boolean control	
10	Outputs 1-2	Status indication priority	Low	CR-T--	state	
11	Outputs 1-2	Scene	Low	CRW---	scene control	
12	Outputs 1-2	Alarm 1	Low	CRW---	alarm	
15	Outputs 1-2	Position in % automatic control	Low	CRW---	percentage (0..100%)	
17	Outputs 1-2	Automatic control deactivation	Low	CRW---	enable	
18	Outputs 1-2	Automatic control deactivation status	Low	CR-T--	enable	

Input 1

21	Input 1	ON/OFF	Low	CR-T--	switch	2/3/1 S
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Input 2

29	Input 2	ON/OFF	Low	CR-T--	switch	2/3/1 S
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Information

1.1.125 Hager Electro TYA604B 4-fold switch actuator 10A 230V STYA604 Accepted
AC
0009:404F4F51

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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Topology BOUDROS

Address Description Serial Number Comments Installation Notes	Manufacturer	Order Number	Product	Application	Status
Room	Trade				

1.1 TP Line #1

Basement & Ground Floor

1.1.125 Hager Electro TYA604B 4-fold switch actuator 10A 230V STYA604 AC Accepted

0009:404F4F51

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
0	Output 1	ON/OFF	Low	CRW---	switch, switch	28/0/0 S
3	Output 1	Status indication ON/OFF	Low	CR-T--	switch, switch	28/0/1 S
20	Output 2	ON/OFF	Low	CRW---	switch, switch	
23	Output 2	Status indication ON/OFF	Low	CR-T--	switch, switch	
27	Output 2	Preset 1	Low	CRW---	1 bit	28/0/2 S
40	Output 3	ON/OFF	Low	CRW---	switch, switch	28/0/2 S
43	Output 3	Status indication ON/OFF	Low	CR-T--	switch, switch	28/0/3 S
60	Output 4	ON/OFF	Low	CRW---	switch, switch	28/0/0 S
63	Output 4	Status indication ON/OFF	Low	CR-T--	switch, switch	28/0/1 S

1.1.200 Hager Electro TJA470 domovea expert STJA470 Accepted
0009:FFFE0C9C

1.1.201 KNXnet/IP interface tunnel 1

1.1.202 KNXnet/IP interface tunnel 2

1.1.203 KNXnet/IP interface tunnel 3

1.2 TP Line #2

1.2.0 Hager Electro TYF130 Line coupler TYF130 C00F11 Accepted
000A:562E1C15

1.2.2 Berker 75740101 KNX Touch Control KNX Touch Control Accepted
0006:191AE1CE

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
1	Software version	Output	Low	CR-T--	2 bytes	
2	Unit malfunction	Output	Low	CR-T--	switch	
5	Access codes reset	Input / Output	Low	CRWT--	1 bit	
6	Reset to download last version	Input / Output	Low	CRWT--	1 bit	
8	Date	Input	Low	C-WTU-	date	31/0/0 S
9	Time	Input	Low	C-WTU-	time of day	31/0/1 S
10	Request date and time	Input / Output	Low	C-WT--	1 bit	
12	Room brightness status	Output	Low	CR-T--	switch	
56	Alarm 1	Input	Low	C-W---	switch	
57	Alarm 1 Acknowledge	Input / Output	Low	C-WT--	switch	
58	Alarm 2	Input	Low	C-W---	switch	
59	Alarm 2 Acknowledge	Input / Output	Low	C-WT--	switch	
60	Alarm 3	Input	Low	C-W---	switch	
61	Alarm 3 Acknowledge	Input / Output	Low	C-WT--	switch	
62	Alarm 4	Input	Low	C-W---	switch	
63	Alarm 4 Acknowledge	Input / Output	Low	C-WT--	switch	
64	Alarm 5	Input	Low	C-W---	switch	
65	Alarm 5 Acknowledge	Input / Output	Low	C-WT--	switch	

Topology BOUDROS

Address Description Serial Number Comments Installation Notes	Manufacturer	Order Number	Product	Application	Status
	Room			Trade	

1.2	TP	Line #2				
1.2.2	Berker	75740101	KNX Touch Control	KNX Touch Control	Accepted	

0006:191AE1CE

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
66	Alarm 6	Input	Low	C-W---	switch	
67	Alarm 6 Acknowledge	Input / Output	Low	C-WT--	switch	
101	Page 1 Surface 1	Input / Output 16 bit	Low	CRWT--	2-byte float value, 2-byte float value	28/1/0 S, 28/1/1
105	Page 1 Surface 2	Input 1 bit	Low	C-W---	switch, switch	28/0/2, 28/0/3 S
109	Page 1 Surface 3	Input 16 bit	Low	C-W---	2-byte float value, 2-byte float value	19/4/0 S
113	Page 1 Surface 4	Input 1 bit	Low	C-W---	switch, switch	28/0/1 S
151	Page 2 Surface 1	Input / Output 16 bit	Low	CRWT--	2-byte float value, 2-byte float value	1/6/2 S, 1/6/3
155	Page 2 Surface 2	Input / Output 1 bit	Low	CRWT--	switch, switch	1/6/0 S, 1/6/1
159	Page 2 Surface 3	Input / Output 1 bit	Low	CRWT--	switch, switch	1/6/8 S
163	Page 2 Surface 4	Input 16 bit	Low	C-W---	2-byte float value, 2-byte float value	19/4/0 S
167	Page 2 Surface 5	Input 1 bit	Low	C-W---	switch, switch	1/7/7 S
171	Page 2 Surface 6	Input / Output text	Low	CRWT--	Character String (ASCII)	1/6/9 S
201	Page 3 Surface 1	Input / Output ON/OFF	Low	CRWT-I	switch, switch	3/0/8 S, 3/1/8
202	Page 3 Surface 1	Input / Output dimming	Low	CRWT-I	dimming control	3/2/8 S
203	Page 3 Surface 1	Input brightness	Low	C-W--I	percentage (0..100%)	3/4/8 S
205	Page 3 Surface 2	Input / Output ON/OFF	Low	CRWT-I	switch, switch	3/0/2 S, 3/1/2
206	Page 3 Surface 2	Input / Output dimming	Low	CRWT-I	dimming control	3/2/2 S
207	Page 3 Surface 2	Input brightness	Low	C-W--I	percentage (0..100%)	3/4/2 S
209	Page 3 Surface 3	Input / Output 1 bit	Low	CRWT--	switch, switch	3/0/0 S, 3/1/0
213	Page 3 Surface 4	Input / Output 1 bit	Low	CRWT--	switch, switch	3/0/3 S, 3/1/3
217	Page 3 Surface 5	Input / Output 1 bit	Low	CRWT--	switch, switch	3/0/1 S, 3/1/1
221	Page 3 Surface 6	Input / Output ON/OFF	Low	CRWT--	switch, switch	3/0/9 S, 3/1/9
222	Page 3 Surface 6	Input / Output dimming	Low	CRWT--	dimming control	3/2/9 S
223	Page 3 Surface 6	Input brightness	Low	C-W---	percentage (0..100%)	3/4/9 S
283	Page 4 Rocker 1 Up/Down (long-term)	Output	Low	C--T--	up/down, up/down	20/0/0 S
284	Page 4 Rocker 1 Step/Stopp (short press)	Output	Low	C--T--	start/stop, start/stop	20/1/0 S
285	Page 4 Rocker 1 Position	Input	Low	C-W---	percentage (0..100%)	20/3/0 S
287	Page 4 Rocker 1 Status	Input	Low	C-W---	switch	20/0/0 S
288	Page 4 Rocker 2 Up/Down (long-term)	Output	Low	C--T--	up/down, up/down	20/0/3 S
289	Page 4 Rocker 2 Step/Stopp (short press)	Output	Low	C--T--	start/stop, start/stop	20/1/3 S
290	Page 4 Rocker 2 Position	Input	Low	C-W---	percentage (0..100%)	20/3/3 S
292	Page 4 Rocker 2 Status	Input	Low	C-W---	switch	20/0/3 S
333	Page 5 Rocker 1 Up/Down (long-term)	Output	Low	C--T--	up/down, up/down	20/0/2 S
334	Page 5 Rocker 1 Step/Stopp (short press)	Output	Low	C--T--	start/stop, start/stop	20/1/2 S
335	Page 5 Rocker 1	Input	Low	C-W---	percentage (0..100%)	20/3/1 S

Topology BOUDROS

Address Description Serial Number Comments Installation Notes	Manufacturer	Order Number	Product	Application	Status
		Room		Trade	

1.2	TP	Line #2				
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1.2.2	Berker	75740101	KNX Touch Control	KNX Touch Control	Accepted
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0006:191AE1CE

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
	Position					
337	Page 5 Rocker 1 Status	Input	Low	C-W---	switch	20/0/2 S
338	Page 5 Rocker 2 Up/Down (long-term)	Output	Low	C--T--	up/down, up/down	20/0/1 S
339	Page 5 Rocker 2 Step/Stopp (short press)	Output	Low	C--T--	start/stop, start/stop	20/1/1 S
340	Page 5 Rocker 2 Position	Input	Low	C-W---	percentage (0..100%)	20/3/1 S
342	Page 5 Rocker 2 Status	Input	Low	C-W---	switch	20/0/1 S
861	Scene	Input	Low	C-W---	1 byte	

1.2.3	Berker	754413xx	KNX CO2 sensor	KNX CO2 sensor V1	Accepted
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000A:3ECC0D16

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
0	B.Channel 1	Switching object 1.1	Low	C-WT--	1 bit	
1	B.Channel 2	Switching object 2.1	Low	C-WT--	1 bit	
2	B.Channel 1	Switching object 1.2	Low	C-WT--	1 bit	
3	B.Channel 2	Switching object 2.2	Low	C-WT--	1 bit	
23	R.Output	Actual temperature	Low	CR-T--	2 bytes	
26	R.Input	Basic setpoint	Low	C-W---	2 bytes	
28	R.Input	Operating mode switchover	Low	C-WT--	1 byte	
32	R.Input	Operating mode forced- control	Low	C-WT--	1 byte	
33	R.Input / Output	Presence object	Low	C-WT--	1 bit	
34	R.Input	Window status	Low	C-W---	1 bit	
36	R.Output	KNX status operating mode	Low	C--T--	1 byte	
42	R.Output	Cmd. value for heating	Low	C--T--	1 byte	
50	R.Output	Setpoint temperature	Low	CR-T--	2 bytes	
52	R.Output	Current setpoint shift	Low	CR-T--	1 byte	
53	R.Input	Setpoint shift specification	Low	C-W---	1 byte	
55	R.Output	KNX status	Low	C--T--	2 bytes	
56	R.Output	KNX status forced oper. mode	Low	C--T--	1 byte	
59	R.Output	Actual temp. not adjusted	Low	CR-T--	2 bytes	
80	S.Temperature	Measured value	Low	CR-T--	2 bytes	19/3/0 S
81	S.Humidity	Measured value	Low	CR-T--	2 bytes	19/3/1 S
82	S.CO2	Measured value	Low	CR-T--	2 bytes	19/3/2 S
83	S.Dew point	Temperature	Low	CR-T--	2 bytes	19/3/3 S
108	S.Dew point alarm	Switching	Low	CR-T--	1 bit	
110	S.Temperature	Sensor fault	Low	CR-T--	1 bit	
111	S.Humidity	Sensor fault	Low	CR-T--	1 bit	
112	S.CO2	Sensor fault	Low	CR-T--	1 bit	

Topology BOUDROS

Address Description Serial Number Comments Installation Notes	Manufacturer	Order Number	Product	Application	Status
	Room			Trade	

1.2	TP	Line #2				
1.2.4	Berker	75740101	KNX Touch Control	KNX Touch Control	Accepted	

0006:192828A4

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
1	Software version	Output	Low	CR-T--	2 bytes	
2	Unit malfunction	Output	Low	CR-T--	switch	
5	Access codes reset	Input / Output	Low	CRWT--	1 bit	
6	Reset to download last version	Input / Output	Low	CRWT--	1 bit	
8	Date	Input	Low	C-WTU-	date	31/0/0 S
9	Time	Input	Low	C-WTU-	time of day	31/0/1 S
10	Request date and time	Input / Output	Low	C-WT--	1 bit	
12	Room brightness status	Output	Low	CR-T--	switch	
56	Alarm 1	Input	Low	C-W---	switch	
57	Alarm 1 Acknowledge	Input / Output	Low	C-WT--	switch	
58	Alarm 2	Input	Low	C-W---	switch	
59	Alarm 2 Acknowledge	Input / Output	Low	C-WT--	switch	
60	Alarm 3	Input	Low	C-W---	switch	
61	Alarm 3 Acknowledge	Input / Output	Low	C-WT--	switch	
62	Alarm 4	Input	Low	C-W---	switch	
63	Alarm 4 Acknowledge	Input / Output	Low	C-WT--	switch	
64	Alarm 5	Input	Low	C-W---	switch	
65	Alarm 5 Acknowledge	Input / Output	Low	C-WT--	switch	
66	Alarm 6	Input	Low	C-W---	switch	
67	Alarm 6 Acknowledge	Input / Output	Low	C-WT--	switch	
101	Page 1 Surface 1	Input / Output 16 bit	Low	CRWT--	2-byte float value, 2-byte float value	28/4/0 S, 28/4/1
105	Page 1 Surface 2	Input 1 bit	Low	C-W---	switch, switch	28/0/2, 28/0/3 S
109	Page 1 Surface 3	Input 16 bit	Low	C-W---	2-byte float value, 2-byte float value	19/3/0 S
113	Page 1 Surface 4	Input 1 bit	Low	C-W---	switch, switch	28/0/1 S
151	Page 2 Surface 1	Input / Output 16 bit	Low	CRWT--	2-byte float value, 2-byte float value	1/2/6 S, 1/2/7
155	Page 2 Surface 2	Input / Output 1 bit	Low	CRWT--	switch, switch	1/2/0 S, 1/2/1
159	Page 2 Surface 3	Input / Output 1 bit	Low	CRWT--	switch, switch	1/2/21 S
163	Page 2 Surface 4	Input 16 bit	Low	C-W---	2-byte float value, 2-byte float value	19/3/0 S
167	Page 2 Surface 5	Input 1 bit	Low	C-W---	switch, switch	1/7/7 S
171	Page 2 Surface 6	Input / Output text	Low	CRWT--	Character String (ASCII)	1/2/22 S
201	Page 3 Surface 1	Input / Output 1 bit	Low	CRWT--	switch, switch	7/0/1 S, 7/1/1
205	Page 3 Surface 2	Input / Output 1 bit	Low	CRWT--	switch, switch	7/0/0 S, 7/1/0
209	Page 3 Surface 3	Input / Output 1 bit	Low	CRWT--	switch, switch	7/0/2 S, 7/1/2
221	Page 3 Surface 6	Input / Output 1 bit	Low	CRWT--	switch, switch	7/5/0 S
283	Page 4 Rocker 1 Up/Down (long-term)	Output	Low	C--T--	up/down, up/down	23/0/1 S
284	Page 4 Rocker 1 Step/Stop (short press)	Output	Low	C--T--	start/stop, start/stop	23/1/1 S
285	Page 4 Rocker 1 Position	Input	Low	C-W---	percentage (0..100%)	23/3/1 S
287	Page 4 Rocker 1 Status	Input	Low	C-W---	switch	23/0/1 S

Topology BOUDROS

Address Description	Manufacturer	Order Number	Product	Application	Status
Serial Number	Room	Trade			
Comments					
Installation Notes					

1.2	TP	Line #2				
1.2.4	Berker	75740101	KNX Touch Control	KNX Touch Control	Accepted	

0006:192828A4

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
288	Page 4 Rocker 2 Up/Down (long-term)	Output	Low	C--T--	up/down, up/down	23/0/2 S
289	Page 4 Rocker 2 Step/Stopp (short press)	Output	Low	C--T--	start/stop, start/stop	23/1/2 S
290	Page 4 Rocker 2 Position	Input	Low	C-W---	percentage (0..100%)	23/3/2 S
292	Page 4 Rocker 2 Status	Input	Low	C-W---	switch	23/0/2 S
301	Page 5 Surface 1	Input / Output 1 bit	Low	CRWT--	switch, switch	1/2/24 S, 1/2/25
305	Page 5 Surface 2	Input / Output text	Low	CRWT--	Character String (ASCII)	1/2/23 S
861	Scene	Input	Low	C-W---	1 byte	

1.2.5	Berker	754413xx	KNX CO2 sensor	KNX CO2 sensor V1	Accepted
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000A:3EAC0D16

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
0	B.Channel 1	Switching object 1.1	Low	C-WT--	1 bit	
1	B.Channel 2	Switching object 2.1	Low	C-WT--	1 bit	
2	B.Channel 1	Switching object 1.2	Low	C-WT--	1 bit	
3	B.Channel 2	Switching object 2.2	Low	C-WT--	1 bit	
23	R.Output	Actual temperature	Low	CR-T--	2 bytes	
26	R.Input	Basic setpoint	Low	C-W---	2 bytes	
28	R.Input	Operating mode switchover	Low	C-WT--	1 byte	
32	R.Input	Operating mode forced-control	Low	C-WT--	1 byte	
33	R.Input / Output	Presence object	Low	C-WT--	1 bit	
34	R.Input	Window status	Low	C-W---	1 bit	
36	R.Output	KNX status operating mode	Low	C--T--	1 byte	
42	R.Output	Cmd. value for heating	Low	C--T--	1 byte	
50	R.Output	Setpoint temperature	Low	CR-T--	2 bytes	
52	R.Output	Current setpoint shift	Low	CR-T--	1 byte	
53	R.Input	Setpoint shift specification	Low	C-W---	1 byte	
55	R.Output	KNX status	Low	C--T--	2 bytes	
56	R.Output	KNX status forced oper. mode	Low	C--T--	1 byte	
59	R.Output	Actual temp. not adjusted	Low	CR-T--	2 bytes	
80	S.Temperature	Measured value	Low	CR-T--	2 bytes	19/2/0 S
81	S.Humidity	Measured value	Low	CR-T--	2 bytes	19/2/1 S
82	S.CO2	Measured value	Low	CR-T--	2 bytes	19/2/2 S
83	S.Dew point	Temperature	Low	CR-T--	2 bytes	19/2/3 S
108	S.Dew point alarm	Switching	Low	CR-T--	1 bit	
110	S.Temperature	Sensor fault	Low	CR-T--	1 bit	
111	S.Humidity	Sensor fault	Low	CR-T--	1 bit	
112	S.CO2	Sensor fault	Low	CR-T--	1 bit	

Topology BOUDROS

Address Description Serial Number Comments Installation Notes	Manufacturer	Order Number	Product	Application	Status
		Room		Trade	

1.2	TP	Line #2				
1.2.6	Berker	75740101	KNX Touch Control	KNX Touch Control	Accepted	

0006:192828AD

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
1	Software version	Output	Low	CR-T--	2 bytes	
2	Unit malfunction	Output	Low	CR-T--	switch	
5	Access codes reset	Input / Output	Low	CRWT--	1 bit	
6	Reset to download last version	Input / Output	Low	CRWT--	1 bit	
8	Date	Input	Low	C-WTU-	date	31/0/0 S
9	Time	Input	Low	C-WTU-	time of day	31/0/1 S
10	Request date and time	Input / Output	Low	C-WT--	1 bit	
12	Room brightness status	Output	Low	CR-T--	switch	
56	Alarm 1	Input	Low	C-W---	switch	
57	Alarm 1 Acknowledge	Input / Output	Low	C-WT--	switch	
58	Alarm 2	Input	Low	C-W---	switch	
59	Alarm 2 Acknowledge	Input / Output	Low	C-WT--	switch	
60	Alarm 3	Input	Low	C-W---	switch	
61	Alarm 3 Acknowledge	Input / Output	Low	C-WT--	switch	
62	Alarm 4	Input	Low	C-W---	switch	
63	Alarm 4 Acknowledge	Input / Output	Low	C-WT--	switch	
64	Alarm 5	Input	Low	C-W---	switch	
65	Alarm 5 Acknowledge	Input / Output	Low	C-WT--	switch	
66	Alarm 6	Input	Low	C-W---	switch	
67	Alarm 6 Acknowledge	Input / Output	Low	C-WT--	switch	
101	Page 1 Surface 1	Input / Output 16 bit	Low	CRWT--	2-byte float value, 2-byte float value	28/3/0 S, 28/3/1
105	Page 1 Surface 2	Input 1 bit	Low	C-W---	switch, switch	28/0/2, 28/0/3 S
109	Page 1 Surface 3	Input 16 bit	Low	C-W---	2-byte float value, 2-byte float value	19/2/0 S
113	Page 1 Surface 4	Input 1 bit	Low	C-W---	switch, switch	28/0/1 S
151	Page 2 Surface 1	Input / Output 16 bit	Low	CRWT--	2-byte float value, 2-byte float value	1/3/6 S, 1/3/7
155	Page 2 Surface 2	Input / Output 1 bit	Low	CRWT--	switch, switch	1/3/0 S, 1/3/1
159	Page 2 Surface 3	Input / Output 1 bit	Low	CRWT--	switch, switch	1/3/22 S
163	Page 2 Surface 4	Input 16 bit	Low	C-W---	2-byte float value, 2-byte float value	19/2/0 S
167	Page 2 Surface 5	Input 1 bit	Low	C-W---	switch, switch	1/7/7 S
171	Page 2 Surface 6	Input / Output text	Low	CRWT--	Character String (ASCII)	1/3/23 S
201	Page 3 Surface 1	Input / Output 1 bit	Low	CRWT--	switch, switch	6/0/3 S, 6/1/3
205	Page 3 Surface 2	Input / Output 1 bit	Low	CRWT--	switch, switch	6/0/5 S, 6/1/5
209	Page 3 Surface 3	Input / Output 1 bit	Low	CRWT--	switch, switch	6/0/0 S, 6/1/0
213	Page 3 Surface 4	Input / Output 1 bit	Low	CRWT--	switch, switch	6/0/4 S, 6/1/4
217	Page 3 Surface 5	Input / Output 1 bit	Low	CRWT--	switch, switch	6/0/6 S, 6/1/6
221	Page 3 Surface 6	Input / Output 1 bit	Low	CRWT--	switch, switch	6/1/3, 6/1/4, 6/1/5, 6/1/6, 6/5/0 S
283	Page 4 Rocker 1 Up/Down (long-term)	Output	Low	C--T--	up/down, up/down	22/0/0 S
284	Page 4 Rocker 1 Step/Stopp (short press)	Output	Low	C--T--	start/stop, start/stop	22/1/0 S
285	Page 4 Rocker 1 Position	Input	Low	C-W---	percentage (0..100%)	22/3/0 S

Topology BOUDROS

Address	Manufacturer	Order Number	Product	Application	Status
Description	Serial Number	Room	Trade		
Comments					
Installation Notes					

	1.2	TP	Line #2		
	1.2.6	Berker	75740101	KNX Touch Control	Accepted

0006:192828AD

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
287	Page 4 Rocker 1 Status	Input	Low	C-W---	switch	22/0/0 S
861	Scene	Input	Low	C-W---	1 byte	

	1.2.7	AIRZONE – ALTRA	AIDOO-AZAI6KNXxxx	KNX-HVAC AIRZONE GATEWAY	kmaschine
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3041:4238574D

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
1	Control On/Off [DPT_1.001]	0-Off, 1-On	Low	C-W---	1-bit, switch	1/4/0 S, 1/7/0
2	Control Mode [DPT_20.105]	0-Auto, 1-Heat, 3-Cool, 9-Fan, 14-Dry	Low	C-W---	1-byte, HVAC control mode	
3	Control Mode Cool/Heat [DPT_1.100]	0-Cool, 1-Heat	Low	C-W---	1-bit, cooling/heating	1/7/7 S
4	Control Mode Cool & On [DPT 5.001]	0% Off, 1%-100% On + Cool	Low	C-W---	8-bit unsigned value, percentage (0..100%)	
5	Control Mode Heat & On [DPT 5.001]	0% Off, 1%-100% On + Heat	Low	C-W---	8-bit unsigned value, percentage (0..100%)	
6	Control Mode Auto [DPT_1.002]	1-Auto	Low	C-W---	1-bit, boolean	
7	Control Mode Heat [DPT_1.002]	1-Heat	Low	C-W---	1-bit, boolean	
8	Control Mode Cool [DPT_1.002]	1-Cool	Low	C-W---	1-bit, boolean	
9	Control Mode Fan [DPT_1.002]	1-Fan	Low	C-W---	1-bit, boolean	
10	Control Mode Dry [DPT_1.002]	1-Dry	Low	C-W---	1-bit, boolean	
11	Control Mode +/- [DPT_1.007]	0-Decrease, 1-Increase	Low	C-W---	1-bit, step	
12	Control Fan Speed/3 Speeds [DPT 5.001]	0%-49% Speed1, 50%-82% Speed2, 83%-100% Speed3	Low	C-W---	8-bit unsigned value, percentage (0..100%)	
13	Control Fan Speed Man/Auto [DPT 1.002]	1-Auto	Low	C-W---	1-bit, boolean	
14	Control Fan Speed 1 [DPT 1.002]	1-Set Fan Speed 1	Low	C-W---	1-bit, boolean	
15	Control Fan Speed 2 [DPT 1.002]	1-Set Fan Speed 2	Low	C-W---	1-bit, boolean	
16	Control Fan Speed 3 [DPT 1.002]	1-Set Fan Speed 3	Low	C-W---	1-bit, boolean	
17	Control Fan Speed +/- [DPT 1.007]	0-Decrease, 1-Increase	Low	C-W---	1-bit, step	1/4/22 S
18	Control Vanes U-D/5 pos [DPT 5.001]	0%-29% Pos1, 30%-49% Pos2, 50%-69% Pos3, 70%-89% Pos4, 90%-100% Pos5	Low	C-W---	8-bit unsigned value, percentage (0..100%)	
27	Control Setpoint Temperature [DPT 9.001]	°C	Low	C-W---	2-byte float value, temperature (°C)	1/4/6 S, 1/7/2

Topology BOUDROS

Address Description	Manufacturer	Order Number	Product	Application	Status
Serial Number	Room			Trade	
Comments					
Installation Notes					

1.2	TP	Line #2				
1.2.7	AIRZONE – ALTRA	AIDOO-AZAI6KNXxxx	KNX-HVAC AIRZONE GATEWAY	kmachine	Accepted	

3041:4238574D

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
28	Control Setpoint Temp +/- [DPT 1.007]	0-Decrease, 1-Increase	Low	C-W---	1-bit, step	1/4/8 S
51	Status On/Off [DPT_1.001]	0-Off, 1-On	Low	CR-T--	1-bit, switch	1/4/1 S
52	Status Mode [DPT_20.105]	0-Auto, 1-Heat, 3-Cool, 9-Fan, 14-Dry	Low	CR-T--	1-byte, HVAC control mode	
53	Status Mode Cool/Heat [DPT 1.100]	0-Cool, 1-Heat	Low	CR-T--	1-bit, cooling/heating	
54	Status Mode Auto [DPT 1.002]	1-Auto	Low	CR-T--	1-bit, boolean	
55	Status Mode Heat [DPT 1.002]	1-Heat	Low	CR-T--	1-bit, boolean	
56	Status Mode Cool [DPT 1.002]	1-Cool	Low	CR-T--	1-bit, boolean	
57	Status Mode Fan [DPT 1.002]	1-Fan	Low	CR-T--	1-bit, boolean	
58	Status Mode Dry [DPT 1.002]	1-Dry	Low	CR-T--	1-bit, boolean	
60	Status Fan Speed / 3 Speeds [DPT 5.001]	33%-Speed1, 67%-Speed2, 100%-Speed3	Low	CR-T--	8-bit unsigned value, percentage (0..100%)	
61	Status Fan Speed Manual/Auto [DPT 1.002]	0-Manual, 1-Auto	Low	CR-T--	1-bit, boolean	
62	Status Fan Speed 1 [DPT 1.002]	1-Fan is in speed 1	Low	CR-T--	1-bit, boolean	
63	Status Fan Speed 2 [DPT 1.002]	1-Fan is in speed 2	Low	CR-T--	1-bit, boolean	
64	Status Fan Speed 3 [DPT 1.002]	1-Fan is in speed 3	Low	CR-T--	1-bit, boolean	
65	Status Fan Speed Text [DPT 16.001]	ASCII String	Low	CR-T--	character string, Character String (ISO 8859-1)	1/4/23 S
66	Status Vanes U-D/5Pos [DPT 5.001]	20%-Pos1, 40%-Pos2, 60%-Pos3, 80%-Pos4, 100%-Pos5	Low	CR-T--	8-bit unsigned value, percentage (0..100%)	
75	Status AC Setpoint Temp [DPT 9.001]	°C	Low	CR-T--	2-byte float value, temperature (°C)	1/4/7 S
76	Status AC Return Temp [DPT 9.001]	°C	Low	CR-T--	2-byte float value, temperature (°C)	
77	Internal probe temperature [DPT 9.001]	°C	Low	CR-T--	2-byte float value, temperature (°C)	1/4/21 S
78	External probe temperature [DPT 9.001]	°C	Low	CR-T--	2-byte float value, temperature (°C)	
81	Status Error/Alarm [DPT 1.005]	0-No Alarm, 1-Alarm	Low	CR-T--	1-bit, alarm	
82	Error text code [DPT 16.001]	ASCII String	Low	CR-T--	character string, Character String (ISO 8859-1)	

Topology BOUDROS

Address	Manufacturer	Order Number	Product	Application	Status
Description	Serial Number	Room	Trade		
Comments					
Installation Notes					

	1.2	TP	Line #2		
	1.2.7	AIRZONE – ALTRA	AIDOO-AZAI6KNXxxx	KNX-HVAC AIRZONE GATEWAY	kmachine Accepted

3041:4238574D

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
83	Status Operation Hour Counter [DPT 13.100]	Number of operating hours	Low	CR-T--	4-byte signed value, time lag (s)	

	1.2.8	AIRZONE – ALTRA	AIDOO-AZAI6KNXxxx	KNX-HVAC AIRZONE GATEWAY	kmachine Accepted
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3041:49555854

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
1	Control On/Off [DPT_1.001]	0-Off, 1-On	Low	C-W---	1-bit, switch	1/6/0 S, 1/7/0
2	Control Mode [DPT_20.105]	0-Auto, 1-Heat, 3-Cool, 9-Fan, 14-Dry	Low	C-W---	1-byte, HVAC control mode	
3	Control Mode Cool/Heat [DPT_1.100]	0-Cool, 1-Heat	Low	C-W---	1-bit, cooling/heating	1/7/7 S
4	Control Mode Cool & On [DPT 5.001]	0% Off, 1%-100% On + Cool	Low	C-W---	8-bit unsigned value, percentage (0..100%)	
5	Control Mode Heat & On [DPT 5.001]	0% Off, 1%-100% On + Heat	Low	C-W---	8-bit unsigned value, percentage (0..100%)	
6	Control Mode Auto [DPT_1.002]	1-Auto	Low	C-W---	1-bit, boolean	
7	Control Mode Heat [DPT_1.002]	1-Heat	Low	C-W---	1-bit, boolean	
8	Control Mode Cool [DPT_1.002]	1-Cool	Low	C-W---	1-bit, boolean	
9	Control Mode Fan [DPT_1.002]	1-Fan	Low	C-W---	1-bit, boolean	
10	Control Mode Dry [DPT_1.002]	1-Dry	Low	C-W---	1-bit, boolean	
11	Control Mode +/- [DPT_1.007]	0-Decrease, 1-Increase	Low	C-W---	1-bit, step	
12	Control Fan Speed/3 Speeds [DPT 5.001]	0%-49% Speed1, 50%-82% Speed2, 83%-100% Speed3	Low	C-W---	8-bit unsigned value, percentage (0..100%)	
13	Control Fan Speed Man/Auto [DPT 1.002]	1-Auto	Low	C-W---	1-bit, boolean	
14	Control Fan Speed 1 [DPT 1.002]	1-Set Fan Speed 1	Low	C-W---	1-bit, boolean	
15	Control Fan Speed 2 [DPT 1.002]	1-Set Fan Speed 2	Low	C-W---	1-bit, boolean	
16	Control Fan Speed 3 [DPT 1.002]	1-Set Fan Speed 3	Low	C-W---	1-bit, boolean	
17	Control Fan Speed +/- [DPT 1.007]	0-Decrease, 1-Increase	Low	C-W---	1-bit, step	1/6/8 S
18	Control Vanes U-D/5 pos [DPT 5.001]	0%-29% Pos1, 30%-49% Pos2, 50%-69% Pos3, 70%-89% Pos4, 90%-100% Pos5	Low	C-W---	8-bit unsigned value, percentage (0..100%)	

Topology BOUDROS

Address	Manufacturer	Order Number	Product	Application	Status
Description	Serial Number	Room	Trade		
Comments					
Installation Notes					

	1.2	TP	Line #2		
	1.2.8	AIRZONE – ALTRA	AIDOO- AZAI6KNXxxx	KNX-HVAC AIRZONE GATEWAY	kmachine Accepted

3041:49555854

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
19	Control Vanes U-D Standby [DPT 1.002]	0-Off, 1-Standby	Low	C-W---	1-bit, boolean	
20	Control Vanes U-D Pos1 [DPT 1.002]	1-Set position 1	Low	C-W---	1-bit, boolean	
21	Control Vanes U-D Pos2 [DPT 1.002]	1-Set position 2	Low	C-W---	1-bit, boolean	
22	Control Vanes U-D Pos3 [DPT 1.002]	1-Set position 3	Low	C-W---	1-bit, boolean	
23	Control Vanes U-D Pos4 [DPT 1.002]	1-Set position 4	Low	C-W---	1-bit, boolean	
24	Control Vanes U-D Pos5 [DPT 1.002]	1-Set position 5	Low	C-W---	1-bit, boolean	
25	Control Vanes U-D swing [DPT 1.002]	0-Off, 1-Swing	Low	C-W---	1-bit, boolean	
26	Control Vanes U-D +/- [DPT 1.007]	0-Decrease, 1-Increase	Low	C-W---	1-bit, step	
27	Control Setpoint Temperature [DPT 9.001]	°C	Low	C-W---	2-byte float value, temperature (°C)	1/6/2 S, 1/7/2
28	Control Setpoint Temp +/- [DPT 1.007]	0-Decrease, 1-Increase	Low	C-W---	1-bit, step	1/6/4 S
29	Control Ambient Temperature [DPT 9.001]	°C	Low	C-W---	2-byte float value, temperature (°C)	
51	Status On/Off [DPT_1.001]	0-Off, 1-On	Low	CR-T--	1-bit, switch	1/6/1 S
52	Status Mode [DPT_20.105]	0-Auto, 1-Heat, 3-Cool, 9-Fan, 14-Dry	Low	CR-T--	1-byte, HVAC control mode	
53	Status Mode Cool/Heat [DPT 1.100]	0-Cool, 1-Heat	Low	CR-T--	1-bit, cooling/heating	1/6/6 S
54	Status Mode Auto [DPT 1.002]	1-Auto	Low	CR-T--	1-bit, boolean	
55	Status Mode Heat [DPT 1.002]	1-Heat	Low	CR-T--	1-bit, boolean	
56	Status Mode Cool [DPT 1.002]	1-Cool	Low	CR-T--	1-bit, boolean	
57	Status Mode Fan [DPT 1.002]	1-Fan	Low	CR-T--	1-bit, boolean	
58	Status Mode Dry [DPT 1.002]	1-Dry	Low	CR-T--	1-bit, boolean	
60	Status Fan Speed / 3 Speeds [DPT 5.001]	33%-Speed1, 67%-Speed2, 100%-Speed3	Low	CR-T--	8-bit unsigned value, percentage (0..100%)	
61	Status Fan Speed Manual/Auto [DPT 1.002]	0-Manual, 1-Auto	Low	CR-T--	1-bit, boolean	
62	Status Fan Speed 1 [DPT 1.002]	1-Fan is in speed 1	Low	CR-T--	1-bit, boolean	
63	Status Fan Speed 2 [DPT 1.002]	1-Fan is in speed 2	Low	CR-T--	1-bit, boolean	

Topology BOUDROS

Address Description	Manufacturer	Order Number	Product	Application	Status
Serial Number	Room	Trade			
Comments					
Installation Notes					

1.2	TP	Line #2				
1.2.8	AIRZONE – ALTRA	AIDOO-AZAI6KNXxxx	KNX-HVAC AIRZONE GATEWAY	kmachine	Accepted	

3041:49555854

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
64	Status Fan Speed 3 [DPT 1.002]	1-Fan is in speed 3	Low	CR-T--	1-bit, boolean	
65	Status Fan Speed Text [DPT 16.001]	ASCII String	Low	CR-T--	character string, Character String (ISO 8859-1)	1/6/9 S
66	Status Vanes U-D/5Pos [DPT 5.001]	20%-Pos1, 40%-Pos2, 60%-Pos3, 80%-Pos4, 100%-Pos5	Low	CR-T--	8-bit unsigned value, percentage (0..100%)	
67	Status Vanes U-D Standby [DPT 1.002]	0-Off, 1-Standby	Low	CR-T--	1-bit, boolean	
68	Status Vanes U-D Pos1 [DPT 1.002 1 - bit]	1-Position 1	Low	CR-T--	1-bit, boolean	
69	Status Vanes U-D Pos2 [DPT 1.002 1 - bit]	1-Position 2	Low	CR-T--	1-bit, boolean	
70	Status Vanes U-D Pos3 [DPT 1.002 1 - bit]	1-Position 3	Low	CR-T--	1-bit, boolean	
71	Status Vanes U-D Pos4 [DPT 1.002 1 - bit]	1-Position 4	Low	CR-T--	1-bit, boolean	
72	Status Vanes U-D Pos5 [DPT 1.002 1 - bit]	1-Position 5	Low	CR-T--	1-bit, boolean	
73	Status Vanes U-D Swing [DPT 1.002 1 - bit]	0-Off, 1-Swing	Low	CR-T--	1-bit, boolean	
74	Status Vanes U-D Text [DPT 16.001]	ASCII String	Low	CR-T--	character string, Character String (ISO 8859-1)	
75	Status AC Setpoint Temp [DPT 9.001]	°C	Low	CR-T--	2-byte float value, temperature (°C)	1/6/3 S
76	Status AC Return Temp [DPT 9.001]	°C	Low	CR-T--	2-byte float value, temperature (°C)	1/6/7 S
77	Internal probe temperature [DPT 9.001]	°C	Low	CR-T--	2-byte float value, temperature (°C)	
78	External probe temperature [DPT 9.001]	°C	Low	CR-T--	2-byte float value, temperature (°C)	
81	Status Error/Alarm [DPT 1.005]	0-No Alarm, 1-Alarm	Low	CR-T--	1-bit, alarm	
82	Error text code [DPT 16.001]	ASCII String	Low	CR-T--	character string, Character String (ISO 8859-1)	
83	Status Operation Hour Counter [DPT 13.100]	Number of operating hours	Low	CR-T--	4-byte signed value, time lag (s)	

1.2.9	AIRZONE – ALTRA	AIDOO-AZAI6KNXxxx	KNX-HVAC AIRZONE GATEWAY	kmachine	Accepted
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3041:42385752

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
1	Control On/Off [DPT_1.001]	0-Off, 1-On	Low	C-W---	1-bit, switch	1/3/0 S, 1/7/0

Topology BOUDROS

Address Description	Manufacturer	Order Number	Product	Application	Status
Serial Number	Room	Trade			
Comments					
Installation Notes					

1.2	TP	Line #2				
1.2.9	AIRZONE – ALTRA	AIDOO-AZAI6KNXxxx	KNX-HVAC AIRZONE GATEWAY	kmachine	Accepted	

3041:42385752

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
2	Control Mode [DPT_20.105]	0-Auto, 1-Heat, 3-Cool, 9-Fan, 14-Dry	Low	C-W---	1-byte, HVAC control mode	
3	Control Mode Cool/Heat [DPT_1.100]	0-Cool, 1-Heat	Low	C-W---	1-bit, cooling/heating	1/7/7 S
4	Control Mode Cool & On [DPT 5.001]	0% Off, 1%-100% On + Cool	Low	C-W---	8-bit unsigned value, percentage (0..100%)	
5	Control Mode Heat & On [DPT 5.001]	0% Off, 1%-100% On + Heat	Low	C-W---	8-bit unsigned value, percentage (0..100%)	
6	Control Mode Auto [DPT_1.002]	1-Auto	Low	C-W---	1-bit, boolean	
7	Control Mode Heat [DPT_1.002]	1-Heat	Low	C-W---	1-bit, boolean	
8	Control Mode Cool [DPT_1.002]	1-Cool	Low	C-W---	1-bit, boolean	
9	Control Mode Fan [DPT_1.002]	1-Fan	Low	C-W---	1-bit, boolean	
10	Control Mode Dry [DPT_1.002]	1-Dry	Low	C-W---	1-bit, boolean	
11	Control Mode +/- [DPT_1.007]	0-Decrease, 1-Increase	Low	C-W---	1-bit, step	
12	Control Fan Speed/3 Speeds [DPT 5.001]	0%-49% Speed1, 50%-82% Speed2, 83%-100% Speed3	Low	C-W---	8-bit unsigned value, percentage (0..100%)	1/3/4 S
13	Control Fan Speed Man/Auto [DPT 1.002]	1-Auto	Low	C-W---	1-bit, boolean	
14	Control Fan Speed 1 [DPT 1.002]	1-Set Fan Speed 1	Low	C-W---	1-bit, boolean	
15	Control Fan Speed 2 [DPT 1.002]	1-Set Fan Speed 2	Low	C-W---	1-bit, boolean	
16	Control Fan Speed 3 [DPT 1.002]	1-Set Fan Speed 3	Low	C-W---	1-bit, boolean	
17	Control Fan Speed +/- [DPT 1.007]	0-Decrease, 1-Increase	Low	C-W---	1-bit, step	1/3/22 S
18	Control Vanes U-D/5 pos [DPT 5.001]	0%-29% Pos1, 30%-49% Pos2, 50%-69% Pos3, 70%-89% Pos4, 90%-100% Pos5	Low	C-W---	8-bit unsigned value, percentage (0..100%)	
19	Control Vanes U-D Standby [DPT 1.002]	0-Off, 1-Standby	Low	C-W---	1-bit, boolean	
20	Control Vanes U-D Pos1 [DPT 1.002]	1-Set position 1	Low	C-W---	1-bit, boolean	
21	Control Vanes U-D Pos2 [DPT 1.002]	1-Set position 2	Low	C-W---	1-bit, boolean	
22	Control Vanes U-D Pos3 [DPT 1.002]	1-Set position 3	Low	C-W---	1-bit, boolean	
23	Control Vanes U-D Pos4 [DPT 1.002]	1-Set position 4	Low	C-W---	1-bit, boolean	
24	Control Vanes U-D Pos5 [DPT 1.002]	1-Set position 5	Low	C-W---	1-bit, boolean	

Topology BOUDROS

Address	Manufacturer	Order Number	Product	Application	Status
Description	Serial Number	Room	Trade		
Comments					
Installation Notes					

	1.2	TP	Line #2		
	1.2.9	AIRZONE – ALTRA	AIDOO-AZAI6KNXxxx	KNX-HVAC AIRZONE GATEWAY	kmachine Accepted

3041:42385752

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
25	Control Vanes U-D swing [DPT 1.002]	0-Off, 1-Swing	Low	C-W---	1-bit, boolean	
26	Control Vanes U-D +/- [DPT 1.007]	0-Decrease, 1-Increase	Low	C-W---	1-bit, step	
27	Control Setpoint Temperature [DPT 9.001]	°C	Low	C-W---	2-byte float value, temperature (°C)	1/3/6 S, 1/7/2
28	Control Setpoint Temp +/- [DPT 1.007]	0-Decrease, 1-Increase	Low	C-W---	1-bit, step	1/3/8 S
29	Control Ambient Temperature [DPT 9.001]	°C	Low	C-W---	2-byte float value, temperature (°C)	
31	Control Reset Filter [DPT 1.015]	1-Reset filter	Low	C-W---	1-bit, reset	
32	Control Window Contact Status [DPT 1.009]	0-Open, 1-Closed	Low	C-W---	1-bit, open/close	
34	Control Occupancy [DPT 1.018]	0-Not occupied, 1-Occupied	Low	C-W---	1-bit, occupancy	
35	Control Sleep Timeout [DPT 1.010]	0-Stop, 1-Start	Low	C-W---	1-bit, start/stop	
51	Status On/Off [DPT_1.001]	0-Off, 1-On	Low	CR-T--	1-bit, switch	1/3/1 S
52	Status Mode [DPT_20.105]	0-Auto, 1-Heat, 3-Cool, 9-Fan, 14-Dry	Low	CR-T--	1-byte, HVAC control mode	
53	Status Mode Cool/Heat [DPT 1.100]	0-Cool, 1-Heat	Low	CR-T--	1-bit, cooling/heating	1/3/20 S
54	Status Mode Auto [DPT 1.002]	1-Auto	Low	CR-T--	1-bit, boolean	
55	Status Mode Heat [DPT 1.002]	1-Heat	Low	CR-T--	1-bit, boolean	
56	Status Mode Cool [DPT 1.002]	1-Cool	Low	CR-T--	1-bit, boolean	
57	Status Mode Fan [DPT 1.002]	1-Fan	Low	CR-T--	1-bit, boolean	
58	Status Mode Dry [DPT 1.002]	1-Dry	Low	CR-T--	1-bit, boolean	
59	Status Mode Text [DPT 16.001]	ASCII String	Low	CR-T--	character string, Character String (ISO 8859-1)	
60	Status Fan Speed / 3 Speeds [DPT 5.001]	33%-Speed1, 67%-Speed2, 100%-Speed3	Low	CR-T--	8-bit unsigned value, percentage (0..100%)	1/3/5 S
61	Status Fan Speed Manual/Auto [DPT 1.002]	0-Manual, 1-Auto	Low	CR-T--	1-bit, boolean	
62	Status Fan Speed 1 [DPT 1.002]	1-Fan is in speed 1	Low	CR-T--	1-bit, boolean	
63	Status Fan Speed 2 [DPT 1.002]	1-Fan is in speed 2	Low	CR-T--	1-bit, boolean	

Topology BOUDROS

Address Description	Manufacturer	Order Number	Product	Application	Status
Serial Number	Room			Trade	
Comments					
Installation Notes					

1.2	TP	Line #2			
1.2.9	AIRZONE – ALTRA	AIDOO-AZAI6KNXxxx	KNX-HVAC AIRZONE GATEWAY	kmachine	Accepted

3041:42385752

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
64	Status Fan Speed 3 [DPT 1.002]	1-Fan is in speed 3	Low	CR-T--	1-bit, boolean	
65	Status Fan Speed Text [DPT 16.001]	ASCII String	Low	CR-T--	character string, Character String (ISO 8859-1)	1/3/23 S
66	Status Vanes U-D/5Pos [DPT 5.001]	20%-Pos1, 40%-Pos2, 60%-Pos3, 80%-Pos4, 100%-Pos5	Low	CR-T--	8-bit unsigned value, percentage (0..100%)	
67	Status Vanes U-D Standby [DPT 1.002]	0-Off, 1-Standby	Low	CR-T--	1-bit, boolean	
68	Status Vanes U-D Pos1 [DPT 1.002 1 - bit]	1-Position 1	Low	CR-T--	1-bit, boolean	
69	Status Vanes U-D Pos2 [DPT 1.002 1 - bit]	1-Position 2	Low	CR-T--	1-bit, boolean	
70	Status Vanes U-D Pos3 [DPT 1.002 1 - bit]	1-Position 3	Low	CR-T--	1-bit, boolean	
71	Status Vanes U-D Pos4 [DPT 1.002 1 - bit]	1-Position 4	Low	CR-T--	1-bit, boolean	
72	Status Vanes U-D Pos5 [DPT 1.002 1 - bit]	1-Position 5	Low	CR-T--	1-bit, boolean	
73	Status Vanes U-D Swing [DPT 1.002 1 - bit]	0-Off, 1-Swing	Low	CR-T--	1-bit, boolean	
74	Status Vanes U-D Text [DPT 16.001]	ASCII String	Low	CR-T--	character string, Character String (ISO 8859-1)	
75	Status AC Setpoint Temp [DPT 9.001]	°C	Low	CR-T--	2-byte float value, temperature (°C)	1/3/7 S
76	Status AC Return Temp [DPT 9.001]	°C	Low	CR-T--	2-byte float value, temperature (°C)	
77	Internal probe temperature [DPT 9.001]	°C	Low	CR-T--	2-byte float value, temperature (°C)	
78	External probe temperature [DPT 9.001]	°C	Low	CR-T--	2-byte float value, temperature (°C)	
79	Status Reset Filter [DPT 1.002]	0-No Alarm, 1-Alarm	Low	CR-T--	1-bit, boolean	
81	Status Error/Alarm [DPT 1.005]	0-No Alarm, 1-Alarm	Low	CR-T--	1-bit, alarm	
82	Error text code [DPT 16.001]	ASCII String	Low	CR-T--	character string, Character String (ISO 8859-1)	
83	Status Operation Hour Counter [DPT 13.100]	Number of operating hours	Low	CR-T--	4-byte signed value, time lag (s)	

1.2.10	Berker	754413xx	KNX CO2 sensor	KNX CO2 sensor V1	Accepted
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000A:3EE40D16

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
0	B.Channel 1	Switching object 1.1	Low	C-WT--	1 bit	

Topology BOUDROS

Address Description	Manufacturer	Order Number	Product	Application	Status
Serial Number	Room	Trade			
Comments					
Installation Notes					

1.2	TP	Line #2				
1.2.10	Berker	754413xx	KNX CO2 sensor	KNX CO2 sensor V1	Accepted	

000A:3EE40D16

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
1	B.Channel 2	Switching object 2.1	Low	C-WT--	1 bit	
2	B.Channel 1	Switching object 1.2	Low	C-WT--	1 bit	
3	B.Channel 2	Switching object 2.2	Low	C-WT--	1 bit	
23	R.Output	Actual temperature	Low	CR-T--	2 bytes	
26	R.Input	Basic setpoint	Low	C-W---	2 bytes	
28	R.Input	Operating mode switchover	Low	C-WT--	1 byte	
32	R.Input	Operating mode forced-control	Low	C-WT--	1 byte	
33	R.Input / Output	Presence object	Low	C-WT--	1 bit	
34	R.Input	Window status	Low	C-W---	1 bit	
36	R.Output	KNX status operating mode	Low	C--T--	1 byte	
42	R.Output	Cmd. value for heating	Low	C--T--	1 byte	
50	R.Output	Setpoint temperature	Low	CR-T--	2 bytes	
52	R.Output	Current setpoint shift	Low	CR-T--	1 byte	
53	R.Input	Setpoint shift specification	Low	C-W---	1 byte	
55	R.Output	KNX status	Low	C--T--	2 bytes	
56	R.Output	KNX status forced oper. mode	Low	C--T--	1 byte	
59	R.Output	Actual temp. not adjusted	Low	CR-T--	2 bytes	
80	S.Temperature	Measured value	Low	CR-T--	2 bytes	1/7/4 S
81	S.Humidity	Measured value	Low	CR-T--	2 bytes	
82	S.CO2	Measured value	Low	CR-T--	2 bytes	
83	S.Dew point	Temperature	Low	CR-T--	2 bytes	
108	S.Dew point alarm	Switching	Low	CR-T--	1 bit	
110	S.Temperature	Sensor fault	Low	CR-T--	1 bit	
111	S.Humidity	Sensor fault	Low	CR-T--	1 bit	
112	S.CO2	Sensor fault	Low	CR-T--	1 bit	

1.2.11	AIRZONE – ALTRA	AIDOO-AZAI6KNXxxx	KNX-HVAC AIRZONE GATEWAY	kmachine	Accepted
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3041:424E3154

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
1	Control On/Off [DPT_1.001]	0-Off, 1-On	Low	C-W---	1-bit, switch	1/2/0 S, 1/7/0
2	Control Mode [DPT_20.105]	0-Auto, 1-Heat, 3-Cool, 9-Fan, 14-Dry	Low	C-W---	1-byte, HVAC control mode	1/2/2 S
3	Control Mode Cool/Heat [DPT_1.100]	0-Cool, 1-Heat	Low	C-W---	1-bit, cooling/heating	1/7/7 S
4	Control Mode Cool & On [DPT 5.001]	0% Off, 1%-100% On + Cool	Low	C-W---	8-bit unsigned value, percentage (0..100%)	
5	Control Mode Heat & On [DPT 5.001]	0% Off, 1%-100% On + Heat	Low	C-W---	8-bit unsigned value, percentage (0..100%)	
6	Control Mode Auto [DPT_1.002]	1-Auto	Low	C-W---	1-bit, boolean	1/2/9 S

Topology BOUDROS

Address Description Serial Number Comments Installation Notes	Manufacturer	Order Number	Product	Application	Status
		Room		Trade	

1.2	TP	Line #2				
1.2.11	AIRZONE – ALTRA	AIDOO- AZAI6KNXxxx	KNX-HVAC AIRZONE GATEWAY	kmachine	Accepted	

3041:424E3154

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
7	Control Mode Heat [DPT_1.002]	1-Heat	Low	C-W---	1-bit, boolean	1/2/11 S
8	Control Mode Cool [DPT_1.002]	1-Cool	Low	C-W---	1-bit, boolean	1/2/13 S
9	Control Mode Fan [DPT_1.002]	1-Fan	Low	C-W---	1-bit, boolean	1/2/15 S
10	Control Mode Dry [DPT_1.002]	1-Dry	Low	C-W---	1-bit, boolean	1/2/17 S
11	Control Mode +/- [DPT_1.007]	0-Decrease, 1-Increase	Low	C-W---	1-bit, step	
12	Control Fan Speed/3 Speeds [DPT 5.001]	0%-49% Speed1, 50%- 82% Speed2, 83%-100% Speed3	Low	C-W---	8-bit unsigned value, percentage (0..100%)	1/2/4 S
13	Control Fan Speed Man/Auto [DPT 1.002]	1-Auto	Low	C-W---	1-bit, boolean	
14	Control Fan Speed 1 [DPT 1.002]	1-Set Fan Speed 1	Low	C-W---	1-bit, boolean	
15	Control Fan Speed 2 [DPT 1.002]	1-Set Fan Speed 2	Low	C-W---	1-bit, boolean	
16	Control Fan Speed 3 [DPT 1.002]	1-Set Fan Speed 3	Low	C-W---	1-bit, boolean	
17	Control Fan Speed +/- [DPT 1.007]	0-Decrease, 1-Increase	Low	C-W---	1-bit, step	1/2/21 S
18	Control Vanes U-D/5 pos [DPT 5.001]	0%-29% Pos1, 30%-49% Pos2, 50%-69% Pos3, 70% -89% Pos4, 90%-100% Pos5	Low	C-W---	8-bit unsigned value, percentage (0..100%)	
19	Control Vanes U-D Standby [DPT 1.002]	0-Off, 1-Standby	Low	C-W---	1-bit, boolean	
20	Control Vanes U-D Pos1 [DPT 1.002]	1-Set position 1	Low	C-W---	1-bit, boolean	
21	Control Vanes U-D Pos2 [DPT 1.002]	1-Set position 2	Low	C-W---	1-bit, boolean	
22	Control Vanes U-D Pos3 [DPT 1.002]	1-Set position 3	Low	C-W---	1-bit, boolean	
23	Control Vanes U-D Pos4 [DPT 1.002]	1-Set position 4	Low	C-W---	1-bit, boolean	
24	Control Vanes U-D Pos5 [DPT 1.002]	1-Set position 5	Low	C-W---	1-bit, boolean	
25	Control Vanes U-D swing [DPT 1.002]	0-Off, 1-Swing	Low	C-W---	1-bit, boolean	1/2/24 S
26	Control Vanes U-D +/- [DPT 1.007]	0-Decrease, 1-Increase	Low	C-W---	1-bit, step	
27	Control Setpoint Temperature [DPT 9.001]	°C	Low	C-W---	2-byte float value, temperature (°C)	1/2/6 S, 1/7/2
28	Control Setpoint Temp + /- [DPT 1.007]	0-Decrease, 1-Increase	Low	C-W---	1-bit, step	1/2/8 S

Topology BOUDROS

Address Description Serial Number Comments Installation Notes	Manufacturer	Order Number	Product	Application	Status
		Room		Trade	

1.2	TP	Line #2				
1.2.11	AIRZONE – ALTRA	AIDOO- AZAI6KNXxxx	KNX-HVAC AIRZONE GATEWAY	kmachine	Accepted	

3041:424E3154

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
29	Control Ambient Temperature [DPT 9.001]	°C	Low	C-W---	2-byte float value, temperature (°C)	
30	Control Setpoint limitation [DPT 1.001]	0-Disable, 1-Enable	Low	C-W---	1-bit, switch	
31	Control Reset Filter [DPT 1.015]	1-Reset filter	Low	C-W---	1-bit, reset	
32	Control Window Contact Status [DPT 1.009]	0-Open, 1-Closed	Low	C-W---	1-bit, open/close	
33	Control Switch Off timeout [DPT 1.010]	0-Stop,1-Start	Low	C-W---	1-bit, start/stop	
34	Control Occupancy [DPT 1.018]	0-Not occupied, 1-Occupied	Low	C-W---	1-bit, occupancy	
35	Control Sleep Timeout [DPT 1.010]	0-Stop, 1-Start	Low	C-W---	1-bit, start/stop	
36	Control Lock Control Objects [DPT 1.002]	0-Unlocked, 1-Locked	Low	C-W---	1-bit, boolean	
37	Control Save/ Scene [DPT 18.001]	0 to 4 - Exec Scene 1 to 5, 128 to 132 Save Scene 1 to 5	Low	C-W---	scene control, scene control	
51	Status On/Off [DPT_1.001]	0-Off, 1-On	Low	CR-T--	1-bit, switch	1/2/1 S
52	Status Mode [DPT_20.105]	0-Auto, 1-Heat, 3-Cool, 9-Fan, 14-Dry	Low	CR-T--	1-byte, HVAC control mode	1/2/3 S
53	Status Mode Cool/Heat [DPT 1.100]	0-Cool, 1-Heat	Low	CR-T--	1-bit, cooling/heating	1/2/18 S
54	Status Mode Auto [DPT 1.002]	1-Auto	Low	CR-T--	1-bit, boolean	1/2/10 S
55	Status Mode Heat [DPT 1.002]	1-Heat	Low	CR-T--	1-bit, boolean	1/2/12 S
56	Status Mode Cool [DPT 1.002]	1-Cool	Low	CR-T--	1-bit, boolean	1/2/14 S
57	Status Mode Fan [DPT 1.002]	1-Fan	Low	CR-T--	1-bit, boolean	1/2/16 S
58	Status Mode Dry [DPT 1.002]	1-Dry	Low	CR-T--	1-bit, boolean	1/2/17 S
59	Status Mode Text [DPT 16.001]	ASCII String	Low	CR-T--	character string, Character String (ISO 8859-1)	
60	Status Fan Speed / 3 Speeds [DPT 5.001]	33%-Speed1, 67%-Speed2, 100%-Speed3	Low	CR-T--	8-bit unsigned value, percentage (0..100%)	1/2/5 S
61	Status Fan Speed Manual/Auto [DPT 1.002]	0-Manual, 1-Auto	Low	CR-T--	1-bit, boolean	
62	Status Fan Speed 1 [DPT 1.002]	1-Fan is in speed 1	Low	CR-T--	1-bit, boolean	
63	Status Fan Speed 2 [DPT 1.002]	1-Fan is in speed 2	Low	CR-T--	1-bit, boolean	

Topology BOUDROS

Address Description Serial Number Comments Installation Notes	Manufacturer	Order Number	Product	Application	Status
		Room		Trade	

1.2	TP	Line #2				
1.2.11	AIRZONE – ALTRA	AIDOO- AZAI6KNXxxx	KNX-HVAC AIRZONE GATEWAY	kmachine	Accepted	

3041:424E3154

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
64	Status Fan Speed 3 [DPT 1.002]	1-Fan is in speed 3	Low	CR-T--	1-bit, boolean	
65	Status Fan Speed Text [DPT 16.001]	ASCII String	Low	CR-T--	character string, Character String (ISO 8859-1)	1/2/22 S
66	Status Vanes U-D/5Pos [DPT 5.001]	20%-Pos1, 40%-Pos2, 60%-Pos3, 80%-Pos4, 100%-Pos5	Low	CR-T--	8-bit unsigned value, percentage (0..100%)	
67	Status Vanes U-D Standby [DPT 1.002]	0-Off, 1-Standby	Low	CR-T--	1-bit, boolean	
68	Status Vanes U-D Pos1 [DPT 1.002 1 - bit]	1-Position 1	Low	CR-T--	1-bit, boolean	
69	Status Vanes U-D Pos2 [DPT 1.002 1 - bit]	1-Position 2	Low	CR-T--	1-bit, boolean	
70	Status Vanes U-D Pos3 [DPT 1.002 1 - bit]	1-Position 3	Low	CR-T--	1-bit, boolean	
71	Status Vanes U-D Pos4 [DPT 1.002 1 - bit]	1-Position 4	Low	CR-T--	1-bit, boolean	
72	Status Vanes U-D Pos5 [DPT 1.002 1 - bit]	1-Position 5	Low	CR-T--	1-bit, boolean	
73	Status Vanes U-D Swing [DPT 1.002 1 - bit]	0-Off, 1-Swing	Low	CR-T--	1-bit, boolean	1/2/25 S
74	Status Vanes U-D Text [DPT 16.001]	ASCII String	Low	CR-T--	character string, Character String (ISO 8859-1)	1/2/23 S
75	Status AC Setpoint Temp [DPT 9.001]	°C	Low	CR-T--	2-byte float value, temperature (°C)	1/2/7 S
76	Status AC Return Temp [DPT 9.001]	°C	Low	CR-T--	2-byte float value, temperature (°C)	1/2/20 S
77	Internal probe temperature [DPT 9.001]	°C	Low	CR-T--	2-byte float value, temperature (°C)	
78	External probe temperature [DPT 9.001]	°C	Low	CR-T--	2-byte float value, temperature (°C)	
79	Status Reset Filter [DPT 1.002]	0-No Alarm, 1-Alarm	Low	CR-T--	1-bit, boolean	
80	Status setpoint Limitation [DPT 1.001]	0-Disable, 1-Enable	Low	CR-T--	1-bit, switch	
81	Status Error/Alarm [DPT 1.005]	0-No Alarm, 1-Alarm	Low	CR-T--	1-bit, alarm	
82	Error text code [DPT 16.001]	ASCII String	Low	CR-T--	character string, Character String (ISO 8859-1)	
83	Status Operation Hour Counter [DPT 13.100]	Number of operating hours	Low	CR-T--	4-byte signed value, time lag (s)	
84	Status Lock Remote Control [DPT 1.002]	0-Unlocked, 1-Locked	Low	CR-T--	1-bit, boolean	
85	Status Lock Control Objects [DPT 1.002]	0-Unlocked, 1-Locked	Low	CR-T--	1-bit, boolean	

Topology BOUDROS

Address Description	Manufacturer	Order Number	Product	Application	Status
Serial Number	Room	Trade			
Comments					
Installation Notes					

1.2	TP	Line #2				
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	1.2.11	AIRZONE – ALTRA	AIDOO-AZAI6KNXxxx	KNX-HVAC AIRZONE GATEWAY	kmachine	Accepted
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3041:424E3154

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
86	Status Current Scene [DPT 17.001]	0 to 4 Scene 1 to 5, 63 No scene	Low	CR-T--	scene number, scene number	

	1.2.12	Berker	801xxxxx	2-8 fold multifunction push-button	S801xxxxx V1.1	Accepted
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0006:401A2033

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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General

3	General	Alarm	Low	C-W---	alarm	
4	General	Lock-up	Low	C-W---	state	

LED management

5	LED management	Day/night	Low	C-W---	1 bit	
6	LED management	Device LED - ON/OFF	Low	C-W---	switch	
8	LED management	Direction LED - dimming value day	Low	C-W---	percentage (0..100%)	
9	LED management	Status LED - luminosity day	Low	C-W---	percentage (0..100%)	
10	LED management	Direction LED - dimming value night	Low	C-W---	percentage (0..100%)	
11	LED management	Status LED - luminosity night	Low	C-W---	percentage (0..100%)	

Push-button 1

12	Push-button 1	Separately LED object	Low	C-WTU-	switch	4/1/5 S
13	Push-button 1	Status indication ON/OFF	Low	C-WTU-	switch	4/1/5 S
18	Push-button 1	ON/OFF	Low	C--T--	switch	4/0/5 S

Push-button 2

38	Push-button 2	Up/down	Low	C--T--	up/down	14/0/9 S
39	Push-button 2	Stop (short press)	Low	C--T--	trigger	14/1/9 S

Push-button 3

52	Push-button 3	Separately LED object	Low	C-WTU-	switch	4/1/0 S, 13/1/5
53	Push-button 3	Status indication ON/OFF	Low	C-WTU-	switch	4/1/0 S, 13/1/5
58	Push-button 3	ON/OFF	Low	C--T--	switch	13/5/0 S
61	Push-button 3	Dimming	Low	C--T--	dimming control	13/7/0 S

Push-button 4

78	Push-button 4	Up/down	Low	C--T--	up/down	14/0/0 S
79	Push-button 4	Stop (short press)	Low	C--T--	trigger	14/1/0 S

Internal temperature sensor

172	Internal temperature sensor	Internal temperature sensor	Low	CR-T--	temperature (°C)	
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External temperature sensor

Information

Topology BOUDROS

Address	Manufacturer	Order Number	Product	Application	Status
Description	Serial Number	Room	Trade		
Comments					
Installation Notes					

	1.2	TP	Line #2		
	1.2.13	Berker	801xxxxx	2-8 fold multifunction push-button	Accepted

0006:401A227C

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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General

3	General	Alarm	Low	C-W---	alarm	
4	General	Lock-up	Low	C-W---	state	

LED management

5	LED management	Day/night	Low	C-W---	1 bit	
6	LED management	Device LED - ON/OFF	Low	C-W---	switch	
8	LED management	Direction LED - dimming value day	Low	C-W---	percentage (0..100%)	
9	LED management	Status LED - luminosity day	Low	C-W---	percentage (0..100%)	
10	LED management	Direction LED - dimming value night	Low	C-W---	percentage (0..100%)	
11	LED management	Status LED - luminosity night	Low	C-W---	percentage (0..100%)	

Push-button 1

12	Push-button 1	Separately LED object	Low	C-WTU-	switch	4/1/0 S, 13/1/5
13	Push-button 1	Status indication ON/OFF	Low	C-WTU-	switch	4/1/0 S, 13/1/5
18	Push-button 1	ON/OFF	Low	C--T--	switch	13/5/0 S
21	Push-button 1	Dimming	Low	C--T--	dimming control	13/7/0 S

Push-button 2

38	Push-button 2	Up/down	Low	C--T--	up/down	21/0/0 S
39	Push-button 2	Stop (short press)	Low	C--T--	trigger	21/1/0 S

Push-button 3

52	Push-button 3	Separately LED object	Low	C-WTU-	switch	4/1/1 S, 13/1/7
53	Push-button 3	Status indication ON/OFF	Low	C-WTU-	switch	4/1/1 S, 13/1/7
58	Push-button 3	ON/OFF	Low	C--T--	switch	13/5/2 S

Push-button 4

78	Push-button 4	Up/down	Low	C--T--	up/down	21/0/1 S
79	Push-button 4	Stop (short press)	Low	C--T--	trigger	21/1/1 S

Internal temperature sensor

172	Internal temperature sensor	Internal temperature sensor	Low	CR-T--	temperature (°C)	
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External temperature sensor

Information

	1.2.14	Berker	801xxxxx	2-8 fold multifunction push-button	Accepted
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0006:401A228A

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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General

3	General	Alarm	Low	C-W---	alarm	
4	General	Lock-up	Low	C-W---	state	

Topology BOUDROS

Address	Manufacturer	Order Number	Product	Application	Status
Description		Room	Trade		
Serial Number					
Comments					
Installation Notes					

	1.2	TP	Line #2		
	1.2.14	Berker	801xxxxx	2-8 fold multifunction push-button	Accepted

0006:401A228A

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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LED management

5	LED management	Day/night	Low	C-W---	1 bit	31/2/1 S
6	LED management	Device LED - ON/OFF	Low	C-W---	switch	
8	LED management	Direction LED - dimming value day	Low	C-W---	percentage (0..100%)	
9	LED management	Status LED - luminosity day	Low	C-W---	percentage (0..100%)	
10	LED management	Direction LED - dimming value night	Low	C-W---	percentage (0..100%)	
11	LED management	Status LED - luminosity night	Low	C-W---	percentage (0..100%)	

Push-button 1

12	Push-button 1	Separately LED object	Low	C-WTU-	switch	6/1/3 S
13	Push-button 1	Status indication ON/OFF	Low	C-WTU-	switch	6/1/3 S
18	Push-button 1	ON/OFF	Low	C--T--	switch	6/0/3 S

Push-button 2

38	Push-button 2	Up/down	Low	C--T--	up/down	22/0/0 S
39	Push-button 2	Stop (short press)	Low	C--T--	trigger	22/1/0 S

Push-button 3

52	Push-button 3	Separately LED object	Low	C-WTU-	switch	6/1/4 S
53	Push-button 3	Status indication ON/OFF	Low	C-WTU-	switch	6/1/4 S
58	Push-button 3	ON/OFF	Low	C--T--	switch	6/0/4 S

Push-button 4

72	Push-button 4	Separately LED object	Low	C-WTU-	switch	6/1/3, 6/1/4, 6/1/5, 6/1/6 S
78	Push-button 4	ON/OFF	Low	C--T--	switch	6/5/0 S

Internal temperature sensor

172	Internal temperature sensor	Internal temperature sensor	Low	CR-T--	temperature (°C)	1/3/21 S
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External temperature sensor

Information

	1.2.15	Berker	801xxxxx	2-8 fold multifunction push-button	Accepted
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0006:401A228A

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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General

3	General	Alarm	Low	C-W---	alarm	
4	General	Lock-up	Low	C-W---	state	

LED management

5	LED management	Day/night	Low	C-W---	1 bit	31/2/1 S
6	LED management	Device LED - ON/OFF	Low	C-W---	switch	

Topology BOUDROS

Address	Manufacturer	Order Number	Product	Application	Status
Description	Serial Number	Room	Trade		
Comments					
Installation Notes					

	1.2	TP	Line #2		
	1.2.15	Berker	801xxxxx	2-8 fold multifunction push-button	Accepted

0006:401A2284

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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LED management

8	LED management	Direction LED - dimming value day	Low	C-W---	percentage (0..100%)	
9	LED management	Status LED - luminosity day	Low	C-W---	percentage (0..100%)	
10	LED management	Direction LED - dimming value night	Low	C-W---	percentage (0..100%)	
11	LED management	Status LED - luminosity night	Low	C-W---	percentage (0..100%)	

Push-button 1

12	Push-button 1	Separately LED object	Low	C-WTU-	switch	6/1/3 S
13	Push-button 1	Status indication ON/OFF	Low	C-WTU-	switch	6/1/3 S
18	Push-button 1	ON/OFF	Low	C--T--	switch	6/0/3 S

Push-button 2

32	Push-button 2	Separately LED object	Low	C-WTU-	switch	6/1/5 S
33	Push-button 2	Status indication ON/OFF	Low	C-WTU-	switch	6/1/5 S
38	Push-button 2	ON/OFF	Low	C--T--	switch	6/0/5 S

Push-button 3

52	Push-button 3	Separately LED object	Low	C-WTU-	switch	6/1/4 S
53	Push-button 3	Status indication ON/OFF	Low	C-WTU-	switch	6/1/4 S
58	Push-button 3	ON/OFF	Low	C--T--	switch	6/0/4 S

Push-button 4

72	Push-button 4	Separately LED object	Low	C-WTU-	switch	6/1/6 S
73	Push-button 4	Status indication ON/OFF	Low	C-WTU-	switch	6/1/6 S
78	Push-button 4	ON/OFF	Low	C--T--	switch	6/0/6 S

Internal temperature sensor

172	Internal temperature sensor	Internal temperature sensor	Low	CR-T--	temperature (°C)	
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External temperature sensor

Information

	1.2.16	Berker	801xxxxx	2-8 fold multifunction push-button	Accepted
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0006:401A2298

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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General

3	General	Alarm	Low	C-W---	alarm	
4	General	Lock-up	Low	C-W---	state	

LED management

5	LED management	Day/night	Low	C-W---	1 bit	31/2/1 S
6	LED management	Device LED - ON/OFF	Low	C-W---	switch	

Topology BOUDROS

Address Description Serial Number Comments Installation Notes	Manufacturer	Order Number	Product	Application	Status
		Room		Trade	

1.2	TP	Line #2				
1.2.16	Berker	801xxxxx	2-8 fold multifunction push-button	S801xxxxx V1.1	Accepted	

0006:401A2298

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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LED management

8	LED management	Direction LED - dimming value day	Low	C-W---	percentage (0..100%)	
9	LED management	Status LED - luminosity day	Low	C-W---	percentage (0..100%)	
10	LED management	Direction LED - dimming value night	Low	C-W---	percentage (0..100%)	
11	LED management	Status LED - luminosity night	Low	C-W---	percentage (0..100%)	



Push-button 1

12	Push-button 1	Separately LED object	Low	C-WTU-	switch	6/1/0 S
13	Push-button 1	Status indication ON/OFF	Low	C-WTU-	switch	6/1/0 S
18	Push-button 1	ON/OFF	Low	C--T--	switch	6/0/0 S



Push-button 2

38	Push-button 2	Up/down	Low	C--T--	up/down	22/0/0 S
39	Push-button 2	Stop (short press)	Low	C--T--	trigger	22/1/0 S



Push-button 3

52	Push-button 3	Separately LED object	Low	C-WTU-	switch	6/1/1 S
53	Push-button 3	Status indication ON/OFF	Low	C-WTU-	switch	6/1/1 S
58	Push-button 3	ON/OFF	Low	C--T--	switch	6/0/1 S



Push-button 4

72	Push-button 4	Separately LED object	Low	C-WTU-	switch	6/1/2 S
73	Push-button 4	Status indication ON/OFF	Low	C-WTU-	switch	6/1/2 S
78	Push-button 4	ON/OFF	Low	C--T--	switch	6/0/2 S



Internal temperature sensor

172	Internal temperature sensor	Internal temperature sensor	Low	CR-T--	temperature (°C)	
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External temperature sensor



Information

1.2.17	Berker	801xxxxx	2-8 fold multifunction push-button	S801xxxxx V1.1	Accepted
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0006:401A1FEB

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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General

3	General	Alarm	Low	C-W---	alarm	
4	General	Lock-up	Low	C-W---	state	



LED management

5	LED management	Day/night	Low	C-W---	1 bit	
6	LED management	Device LED - ON/OFF	Low	C-W---	switch	
8	LED management	Direction LED - dimming value day	Low	C-W---	percentage (0..100%)	

Topology BOUDROS

Address	Manufacturer	Order Number	Product	Application	Status
Description	Serial Number	Room	Trade		
Comments					
Installation Notes					

	1.2	TP	Line #2		
	1.2.17	Berker	801xxxxx	2-8 fold multifunction push-button	Accepted

0006:401A1FEB

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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LED management

9	LED management	Status LED - luminosity day	Low	C-W---	percentage (0..100%)	
10	LED management	Direction LED - dimming value night	Low	C-W---	percentage (0..100%)	
11	LED management	Status LED - luminosity night	Low	C-W---	percentage (0..100%)	

Push-button 1

12	Push-button 1	Separately LED object	Low	C-WTU-	switch	4/1/2 S
13	Push-button 1	Status indication ON/OFF	Low	C-WTU-	switch	4/1/2 S
18	Push-button 1	ON/OFF	Low	C--T--	switch	4/0/2 S

Push-button 2

32	Push-button 2	Separately LED object	Low	C-WTU-	switch	4/1/3 S
33	Push-button 2	Status indication ON/OFF	Low	C-WTU-	switch	4/1/3 S
38	Push-button 2	ON/OFF	Low	C--T--	switch	4/0/3 S
41	Push-button 2	Dimming	Low	C--T--	dimming control	4/2/3 S

Push-button 3

52	Push-button 3	Separately LED object	Low	C-WTU-	switch	4/1/4 S
53	Push-button 3	Status indication ON/OFF	Low	C-WTU-	switch	4/1/4 S
58	Push-button 3	ON/OFF	Low	C--T--	switch	4/0/4 S
61	Push-button 3	Dimming	Low	C--T--	dimming control	4/2/4 S

Push-button 4

72	Push-button 4	Separately LED object	Low	C-WTU-	switch	4/1/2 S, 4/1/3, 4/1/4
73	Push-button 4	Status indication ON/OFF	Low	C-WTU-	switch	4/1/2 S, 4/1/3, 4/1/4
78	Push-button 4	ON/OFF	Low	C--T--	switch	4/5/0 S

Internal temperature sensor

172	Internal temperature sensor	Internal temperature sensor	Low	CR-T--	temperature (°C)	
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External temperature sensor

Information

	1.2.18	Berker	801xxxxx	2-8 fold multifunction push-button	Accepted
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0006:401A2287

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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General

3	General	Alarm	Low	C-W---	alarm	
4	General	Lock-up	Low	C-W---	state	

LED management

5	LED management	Day/night	Low	C-W---	1 bit	
6	LED management	Device LED - ON/OFF	Low	C-W---	switch	

Topology BOUDROS

Address	Manufacturer	Order Number	Product	Application	Status
Description	Serial Number	Room	Trade		
Comments					
Installation Notes					

	1.2	TP	Line #2		
	1.2.18	Berker	801xxxxx	2-8 fold multifunction push-button	Accepted

0006:401A2287

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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LED management

8	LED management	Direction LED - dimming value day	Low	C-W---	percentage (0..100%)	
9	LED management	Status LED - luminosity day	Low	C-W---	percentage (0..100%)	
10	LED management	Direction LED - dimming value night	Low	C-W---	percentage (0..100%)	
11	LED management	Status LED - luminosity night	Low	C-W---	percentage (0..100%)	

Push-button 1

12	Push-button 1	Separately LED object	Low	C-WTU-	switch	4/1/0 S, 13/1/5
13	Push-button 1	Status indication ON/OFF	Low	C-WTU-	switch	4/1/0 S, 13/1/5
18	Push-button 1	ON/OFF	Low	C--T--	switch	13/5/0 S
21	Push-button 1	Dimming	Low	C--T--	dimming control	13/7/0 S

Push-button 2

38	Push-button 2	Up/down	Low	C--T--	up/down	21/0/0 S
39	Push-button 2	Stop (short press)	Low	C--T--	trigger	21/1/0 S

Push-button 3

52	Push-button 3	Separately LED object	Low	C-WTU-	switch	4/1/1 S, 13/1/7
53	Push-button 3	Status indication ON/OFF	Low	C-WTU-	switch	4/1/1 S, 13/1/7
58	Push-button 3	ON/OFF	Low	C--T--	switch	13/5/2 S

Push-button 4

78	Push-button 4	Up/down	Low	C--T--	up/down	21/0/1 S
79	Push-button 4	Stop (short press)	Low	C--T--	trigger	21/1/1 S

Internal temperature sensor

172	Internal temperature sensor	Internal temperature sensor	Low	CR-T--	temperature (°C)	
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External temperature sensor

Information

	1.2.19	Berker	801xxxxx	2-8 fold multifunction push-button	Accepted
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0006:401A2288

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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General

3	General	Alarm	Low	C-W---	alarm	
4	General	Lock-up	Low	C-W---	state	

LED management

5	LED management	Day/night	Low	C-W---	1 bit	
6	LED management	Device LED - ON/OFF	Low	C-W---	switch	
8	LED management	Direction LED - dimming value day	Low	C-W---	percentage (0..100%)	

Topology BOUDROS

Address	Manufacturer	Order Number	Product	Application	Status
Description	Serial Number	Room	Trade		
Comments					
Installation Notes					

	1.2	TP	Line #2		
	1.2.19	Berker	801xxxxx	2-8 fold multifunction push-button	Accepted

0006:401A2288

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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LED management

9	LED management	Status LED - luminosity day	Low	C-W---	percentage (0..100%)	
10	LED management	Direction LED - dimming value night	Low	C-W---	percentage (0..100%)	
11	LED management	Status LED - luminosity night	Low	C-W---	percentage (0..100%)	

Push-button 1

12	Push-button 1	Separately LED object	Low	C-WTU-	switch	4/1/0 S, 13/1/5
13	Push-button 1	Status indication ON/OFF	Low	C-WTU-	switch	4/1/0 S, 13/1/5
18	Push-button 1	ON/OFF	Low	C--T--	switch	13/5/0 S
21	Push-button 1	Dimming	Low	C--T--	dimming control	13/7/0 S

Push-button 2

38	Push-button 2	Up/down	Low	C--T--	up/down	21/0/0 S
39	Push-button 2	Stop (short press)	Low	C--T--	trigger	21/1/0 S

Push-button 3

52	Push-button 3	Separately LED object	Low	C-WTU-	switch	4/1/1 S, 13/1/7
53	Push-button 3	Status indication ON/OFF	Low	C-WTU-	switch	4/1/1 S, 13/1/7
58	Push-button 3	ON/OFF	Low	C--T--	switch	13/5/2 S

Push-button 4

78	Push-button 4	Up/down	Low	C--T--	up/down	21/0/1 S
79	Push-button 4	Stop (short press)	Low	C--T--	trigger	21/1/1 S

Internal temperature sensor

172	Internal temperature sensor	Internal temperature sensor	Low	CR-T--	temperature (°C)	
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External temperature sensor

Information

	1.2.20	Berker	801xxxxx	2-8 fold multifunction push-button	Accepted
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0006:401A22A9

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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General

3	General	Alarm	Low	C-W---	alarm	
4	General	Lock-up	Low	C-W---	state	

LED management

5	LED management	Day/night	Low	C-W---	1 bit	31/2/1 S
6	LED management	Device LED - ON/OFF	Low	C-W---	switch	
8	LED management	Direction LED - dimming value day	Low	C-W---	percentage (0..100%)	
9	LED management	Status LED - luminosity day	Low	C-W---	percentage (0..100%)	

Topology BOUDROS

Address	Manufacturer	Order Number	Product	Application	Status
Description	Serial Number	Room	Trade		
Comments					
Installation Notes					

	1.2	TP	Line #2		
	1.2.20	Berker	801xxxxx	2-8 fold multifunction push-button	Accepted

0006:401A22A9

#	Name	Object Function	Priority	Flags	Data Type	Group Addresses
Description						

LED management

10	LED management	Direction LED - dimming value night	Low	C-W---	percentage (0..100%)	
11	LED management	Status LED - luminosity night	Low	C-W---	percentage (0..100%)	

Push-button 1

12	Push-button 1	Separately LED object	Low	C-WTU-	switch	7/1/1 S
13	Push-button 1	Status indication ON/OFF	Low	C-WTU-	switch	7/1/1 S
18	Push-button 1	ON/OFF	Low	C--T--	switch	7/0/1 S

Push-button 2

38	Push-button 2	Up/down	Low	C--T--	up/down	
39	Push-button 2	Stop (short press)	Low	C--T--	trigger	

Push-button 3

52	Push-button 3	Separately LED object	Low	C-WTU-	switch	7/1/2 S
53	Push-button 3	Status indication ON/OFF	Low	C-WTU-	switch	7/1/2 S
58	Push-button 3	ON/OFF	Low	C--T--	switch	7/0/2 S

Push-button 4

72	Push-button 4	Separately LED object	Low	C-WTU-	switch	7/1/0 S, 7/1/1, 7/1/2
78	Push-button 4	ON/OFF	Low	C--T--	switch	7/5/0 S

Internal temperature sensor

172	Internal temperature sensor	Internal temperature sensor	Low	CR-T--	temperature (°C)	
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External temperature sensor

Information

	1.2.21	Berker	801xxxxx	2-8 fold multifunction push-button	Accepted
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0006:401A2285

#	Name	Object Function	Priority	Flags	Data Type	Group Addresses
Description						

General

3	General	Alarm	Low	C-W---	alarm	
4	General	Lock-up	Low	C-W---	state	

LED management

5	LED management	Day/night	Low	C-W---	1 bit	31/2/1 S
6	LED management	Device LED - ON/OFF	Low	C-W---	switch	
8	LED management	Direction LED - dimming value day	Low	C-W---	percentage (0..100%)	
9	LED management	Status LED - luminosity day	Low	C-W---	percentage (0..100%)	
10	LED management	Direction LED - dimming value night	Low	C-W---	percentage (0..100%)	

Topology BOUDROS

Address	Manufacturer	Order Number	Product	Application	Status
Description	Serial Number	Room	Trade		
Comments					
Installation Notes					

	1.2	TP	Line #2		
	1.2.21	Berker	801xxxxx	2-8 fold multifunction push-button	Accepted

0006:401A2285

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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LED management

11	LED management	Status LED - luminosity night	Low	C-W---	percentage (0..100%)	
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Push-button 1

12	Push-button 1	Separately LED object	Low	C-WTU-	switch	7/1/1 S
13	Push-button 1	Status indication ON/OFF	Low	C-WTU-	switch	7/1/1 S
18	Push-button 1	ON/OFF	Low	C--T--	switch	7/0/1 S

Push-button 2

32	Push-button 2	Separately LED object	Low	C-WTU-	switch	7/1/0 S
33	Push-button 2	Status indication ON/OFF	Low	C-WTU-	switch	7/1/0 S
38	Push-button 2	ON/OFF	Low	C--T--	switch	7/0/0 S

Push-button 3

52	Push-button 3	Separately LED object	Low	C-WTU-	switch	7/1/2 S
53	Push-button 3	Status indication ON/OFF	Low	C-WTU-	switch	7/1/2 S
58	Push-button 3	ON/OFF	Low	C--T--	switch	7/0/2 S

Push-button 4

78	Push-button 4	Up/down	Low	C--T--	up/down	23/0/2 S
79	Push-button 4	Stop (short press)	Low	C--T--	trigger	23/1/2 S

Internal temperature sensor

172	Internal temperature sensor	Internal temperature sensor	Low	CR-T--	temperature (°C)	
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External temperature sensor

Information

	1.2.22	Berker	801xxxxx	2-8 fold multifunction push-button	Accepted
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0006:401A22A2

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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General

3	General	Alarm	Low	C-W---	alarm	
4	General	Lock-up	Low	C-W---	state	

LED management

5	LED management	Day/night	Low	C-W---	1 bit	31/2/1 S
6	LED management	Device LED - ON/OFF	Low	C-W---	switch	
8	LED management	Direction LED - dimming value day	Low	C-W---	percentage (0..100%)	
9	LED management	Status LED - luminosity day	Low	C-W---	percentage (0..100%)	
10	LED management	Direction LED - dimming value night	Low	C-W---	percentage (0..100%)	
11	LED management	Status LED - luminosity night	Low	C-W---	percentage (0..100%)	

Topology BOUDROS

Address	Manufacturer	Order Number	Product	Application	Status
Description	Serial Number	Room	Trade		
Comments					
Installation Notes					

	1.2	TP	Line #2		
	1.2.22	Berker	801xxxxx	2-8 fold multifunction push-button	Accepted

0006:401A22A2

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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Push-button 1						
12	Push-button 1	Separately LED object	Low	C-WTU-	switch	7/1/1 S
13	Push-button 1	Status indication ON/OFF	Low	C-WTU-	switch	7/1/1 S
18	Push-button 1	ON/OFF	Low	C--T--	switch	7/0/1 S

Push-button 2						
38	Push-button 2	Up/down	Low	C--T--	up/down	23/0/0 S
39	Push-button 2	Stop (short press)	Low	C--T--	trigger	23/1/0 S

Push-button 3						
52	Push-button 3	Separately LED object	Low	C-WTU-	switch	7/1/0 S
53	Push-button 3	Status indication ON/OFF	Low	C-WTU-	switch	7/1/0 S
58	Push-button 3	ON/OFF	Low	C--T--	switch	7/0/0 S

Push-button 4						
78	Push-button 4	Up/down	Low	C--T--	up/down	23/0/1 S
79	Push-button 4	Stop (short press)	Low	C--T--	trigger	23/1/1 S

Internal temperature sensor						
172	Internal temperature sensor	Internal temperature sensor	Low	CR-T--	temperature (°C)	

External temperature sensor

Information

	1.2.23	Berker	801xxxxx	2-8 fold multifunction push-button	Accepted
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0006:401A227E

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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General						
3	General	Alarm	Low	C-W---	alarm	
4	General	Lock-up	Low	C-W---	state	

LED management						
5	LED management	Day/night	Low	C-W---	1 bit	31/2/1 S
6	LED management	Device LED - ON/OFF	Low	C-W---	switch	
8	LED management	Direction LED - dimming value day	Low	C-W---	percentage (0..100%)	
9	LED management	Status LED - luminosity day	Low	C-W---	percentage (0..100%)	
10	LED management	Direction LED - dimming value night	Low	C-W---	percentage (0..100%)	
11	LED management	Status LED - luminosity night	Low	C-W---	percentage (0..100%)	

Push-button 1						
12	Push-button 1	Separately LED object	Low	C-WTU-	switch	7/1/0 S
13	Push-button 1	Status indication ON/OFF	Low	C-WTU-	switch	7/1/0 S
18	Push-button 1	ON/OFF	Low	C--T--	switch	7/0/0 S

Topology BOUDROS

Address	Manufacturer	Order Number	Product	Application	Status
Description	Serial Number	Room	Trade		
Comments					
Installation Notes					

	1.2	TP	Line #2		
	1.2.23	Berker	801xxxxx	2-8 fold multifunction push-button	Accepted

0006:401A227E

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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Push-button 2						
38	Push-button 2	Up/down	Low	C--T--	up/down	23/0/1 S
39	Push-button 2	Stop (short press)	Low	C--T--	trigger	23/1/1 S
Push-button 3						
52	Push-button 3	Separately LED object	Low	C-WTU-	switch	7/1/1 S
53	Push-button 3	Status indication ON/OFF	Low	C-WTU-	switch	7/1/1 S
58	Push-button 3	ON/OFF	Low	C--T--	switch	7/0/1 S
Push-button 4						
78	Push-button 4	Up/down	Low	C--T--	up/down	23/0/0 S
79	Push-button 4	Stop (short press)	Low	C--T--	trigger	23/1/0 S
Internal temperature sensor						
172	Internal temperature sensor	Internal temperature sensor	Low	CR-T--	temperature (°C)	

External temperature sensor

Information

	1.2.24	Berker	801xxxxx	2-8 fold multifunction push-button	Accepted
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0006:401A2272

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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General						
3	General	Alarm	Low	C-W---	alarm	
4	General	Lock-up	Low	C-W---	state	
LED management						
5	LED management	Day/night	Low	C-W---	1 bit	31/2/1 S
6	LED management	Device LED - ON/OFF	Low	C-W---	switch	
8	LED management	Direction LED - dimming value day	Low	C-W---	percentage (0..100%)	
9	LED management	Status LED - luminosity day	Low	C-W---	percentage (0..100%)	
10	LED management	Direction LED - dimming value night	Low	C-W---	percentage (0..100%)	
11	LED management	Status LED - luminosity night	Low	C-W---	percentage (0..100%)	
Push-button 1						
12	Push-button 1	Separately LED object	Low	C-WTU-	switch	3/1/8 S
13	Push-button 1	Status indication ON/OFF	Low	C-WTU-	switch	3/1/8 S
18	Push-button 1	ON/OFF	Low	C--T--	switch	3/0/8 S
21	Push-button 1	Dimming	Low	C--T--	dimming control	3/2/8 S
Push-button 2						
38	Push-button 2	Up/down	Low	C--T--	up/down	20/0/0 S
39	Push-button 2	Stop (short press)	Low	C--T--	trigger	20/1/0 S

Topology BOUDROS

Address	Manufacturer	Order Number	Product	Application	Status
Description	Serial Number	Room	Trade		
Comments					
Installation Notes					

	1.2	TP	Line #2		
	1.2.24	Berker	801xxxxx	2-8 fold multifunction push-button	Accepted

0006:401A2272

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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Push-button 3

52	Push-button 3	Separately LED object	Low	C-WTU-	switch	3/1/3 S
53	Push-button 3	Status indication ON/OFF	Low	C-WTU-	switch	3/1/3 S
58	Push-button 3	ON/OFF	Low	C--T--	switch	3/0/3 S

Push-button 4

72	Push-button 4	Separately LED object	Low	C-WTU-	switch	3/1/1 S, 3/1/2, 3/1/3, 3/1/4, 3/1/5, 3/1/6, 3/1/7, 3/1/8, 3/1/10, 3/1/11
78	Push-button 4	ON/OFF	Low	C--T--	switch	3/5/0 S

Internal temperature sensor

172	Internal temperature sensor	Internal temperature sensor	Low	CR-T--	temperature (°C)	
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External temperature sensor

Information

	1.2.25	Berker	801xxxxx	2-8 fold multifunction push-button	Accepted
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0006:401A2018

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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General

3	General	Alarm	Low	C-W---	alarm	
4	General	Lock-up	Low	C-W---	state	

LED management

5	LED management	Day/night	Low	C-W---	1 bit	31/2/1 S
6	LED management	Device LED - ON/OFF	Low	C-W---	switch	
8	LED management	Direction LED - dimming value day	Low	C-W---	percentage (0..100%)	
9	LED management	Status LED - luminosity day	Low	C-W---	percentage (0..100%)	
10	LED management	Direction LED - dimming value night	Low	C-W---	percentage (0..100%)	
11	LED management	Status LED - luminosity night	Low	C-W---	percentage (0..100%)	

Push-button 1

12	Push-button 1	Separately LED object	Low	C-WTU-	switch	3/1/2 S
13	Push-button 1	Status indication ON/OFF	Low	C-WTU-	switch	3/1/2 S
18	Push-button 1	ON/OFF	Low	C--T--	switch	3/0/2 S

Push-button 2

Push-button 3

52	Push-button 3	Separately LED object	Low	C-WTU-	switch	3/1/1 S
53	Push-button 3	Status indication ON/OFF	Low	C-WTU-	switch	3/1/1 S
58	Push-button 3	ON/OFF	Low	C--T--	switch	3/0/1 S

Push-button 4

Topology BOUDROS

Address	Manufacturer	Order Number	Product	Application	Status
Description	Serial Number	Room	Trade		
Comments					
Installation Notes					

	1.2	TP	Line #2		
	1.2.25	Berker	801xxxxx	2-8 fold multifunction push-button	Accepted

0006:401A2018

#	Name	Object Function	Priority	Flags	Data Type	Group Addresses
Description						



Push-button 4

72	Push-button 4	Separately LED object	Low	C-WTU-	switch	
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Internal temperature sensor

172	Internal temperature sensor	Internal temperature sensor	Low	CR-T--	temperature (°C)	
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External temperature sensor



Information

	1.2.26	Berker	801xxxxx	2-8 fold multifunction push-button	Accepted
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0006:401A2001

#	Name	Object Function	Priority	Flags	Data Type	Group Addresses
Description						



General

3	General	Alarm	Low	C-W---	alarm	
4	General	Lock-up	Low	C-W---	state	



LED management

5	LED management	Day/night	Low	C-W---	1 bit	31/2/1 S
6	LED management	Device LED - ON/OFF	Low	C-W---	switch	
8	LED management	Direction LED - dimming value day	Low	C-W---	percentage (0..100%)	
9	LED management	Status LED - luminosity day	Low	C-W---	percentage (0..100%)	
10	LED management	Direction LED - dimming value night	Low	C-W---	percentage (0..100%)	
11	LED management	Status LED - luminosity night	Low	C-W---	percentage (0..100%)	



Push-button 1

12	Push-button 1	Separately LED object	Low	C-WTU-	switch	3/1/9 S
13	Push-button 1	Status indication ON/OFF	Low	C-WTU-	switch	3/1/9 S
18	Push-button 1	ON/OFF	Low	C--T--	switch	3/0/9 S
21	Push-button 1	Dimming	Low	C--T--	dimming control	3/2/9 S



Push-button 2

38	Push-button 2	Up/down	Low	C--T--	up/down	20/0/0 S
39	Push-button 2	Stop (short press)	Low	C--T--	trigger	20/1/0 S



Push-button 3

52	Push-button 3	Separately LED object	Low	C-WTU-	switch	3/1/0 S
53	Push-button 3	Status indication ON/OFF	Low	C-WTU-	switch	3/1/0 S
58	Push-button 3	ON/OFF	Low	C--T--	switch	3/0/0 S



Push-button 4

78	Push-button 4	Up/down	Low	C--T--	up/down	20/0/1 S
79	Push-button 4	Stop (short press)	Low	C--T--	trigger	20/1/1 S



Internal temperature sensor

Topology BOUDROS

Address	Manufacturer	Order Number	Product	Application	Status
Description	Serial Number	Room	Trade		
Comments					
Installation Notes					

	1.2	TP	Line #2		
	1.2.26	Berker	801xxxxx	2-8 fold multifunction push-button	S801xxxxx V1.1 Accepted

0006:401A2001

#	Name	Object Function	Priority	Flags	Data Type	Group Addresses
Description						

Internal temperature sensor

172	Internal temperature sensor	Internal temperature sensor	Low	CR-T--	temperature (°C)	
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External temperature sensor

Information

	1.2.27	Berker	801xxxxx	2-8 fold multifunction push-button	S801xxxxx V1.1 Accepted
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0006:401A2042

#	Name	Object Function	Priority	Flags	Data Type	Group Addresses
Description						

General

3	General	Alarm	Low	C-W---	alarm	
4	General	Lock-up	Low	C-W---	state	

LED management

5	LED management	Day/night	Low	C-W---	1 bit	31/2/1 S
6	LED management	Device LED - ON/OFF	Low	C-W---	switch	
8	LED management	Direction LED - dimming value day	Low	C-W---	percentage (0..100%)	
9	LED management	Status LED - luminosity day	Low	C-W---	percentage (0..100%)	
10	LED management	Direction LED - dimming value night	Low	C-W---	percentage (0..100%)	
11	LED management	Status LED - luminosity night	Low	C-W---	percentage (0..100%)	

Push-button 1

12	Push-button 1	Separately LED object	Low	C-WTU-	switch	3/1/8 S
13	Push-button 1	Status indication ON/OFF	Low	C-WTU-	switch	3/1/8 S
18	Push-button 1	ON/OFF	Low	C--T--	switch	3/0/8 S
21	Push-button 1	Dimming	Low	C--T--	dimming control	3/2/8 S

Push-button 2

38	Push-button 2	Up/down	Low	C--T--	up/down	20/0/0 S
39	Push-button 2	Stop (short press)	Low	C--T--	trigger	20/1/0 S

Push-button 3

52	Push-button 3	Separately LED object	Low	C-WTU-	switch	3/1/5 S
53	Push-button 3	Status indication ON/OFF	Low	C-WTU-	switch	3/1/5 S
58	Push-button 3	ON/OFF	Low	C--T--	switch	3/0/5 S

Push-button 4

78	Push-button 4	Up/down	Low	C--T--	up/down	20/0/2 S
79	Push-button 4	Stop (short press)	Low	C--T--	trigger	20/1/2 S

Internal temperature sensor

172	Internal temperature sensor	Internal temperature sensor	Low	CR-T--	temperature (°C)	
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Topology BOUDROS

Address Description Serial Number Comments Installation Notes	Manufacturer	Order Number	Product	Application	Status
		Room		Trade	

1.2	TP	Line #2			
1.2.27	Berker	801xxxxx	2-8 fold multifunction push-button	S801xxxxx V1.1	Accepted

0006:401A2042

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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External temperature sensor

Information

1.2.28	Berker	801xxxxx	2-8 fold multifunction push-button	S801xxxxx V1.1	Accepted
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0006:401A22A3

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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General

3	General	Alarm	Low	C-W---	alarm
4	General	Lock-up	Low	C-W---	state

LED management

5	LED management	Day/night	Low	C-W---	1 bit	31/2/1 S
6	LED management	Device LED - ON/OFF	Low	C-W---	switch	
8	LED management	Direction LED - dimming value day	Low	C-W---	percentage (0..100%)	
9	LED management	Status LED - luminosity day	Low	C-W---	percentage (0..100%)	
10	LED management	Direction LED - dimming value night	Low	C-W---	percentage (0..100%)	
11	LED management	Status LED - luminosity night	Low	C-W---	percentage (0..100%)	

Push-button 1

12	Push-button 1	Separately LED object	Low	C-WTU-	switch	3/1/4 S
13	Push-button 1	Status indication ON/OFF	Low	C-WTU-	switch	3/1/4 S
18	Push-button 1	ON/OFF	Low	C--T--	switch	3/0/4 S

Push-button 2

38	Push-button 2	Up/down	Low	C--T--	up/down	20/0/0 S
39	Push-button 2	Stop (short press)	Low	C--T--	trigger	20/1/0 S

Push-button 3

52	Push-button 3	Separately LED object	Low	C-WTU-	switch	3/1/8 S
53	Push-button 3	Status indication ON/OFF	Low	C-WTU-	switch	3/1/8 S
58	Push-button 3	ON/OFF	Low	C--T--	switch	3/0/8 S
61	Push-button 3	Dimming	Low	C--T--	dimming control	3/2/8 S

Push-button 4

78	Push-button 4	Up/down	Low	C--T--	up/down	20/0/2 S
79	Push-button 4	Stop (short press)	Low	C--T--	trigger	20/1/2 S

Internal temperature sensor

172	Internal temperature sensor	Internal temperature sensor	Low	CR-T--	temperature (°C)
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External temperature sensor

Information

Topology BOUDROS

Address Description Serial Number Comments Installation Notes	Manufacturer	Order Number	Product	Application	Status
		Room		Trade	

1.2	TP	Line #2				
1.2.29	Berker	801xxxxx	2-8 fold multifunction push-button	S801xxxxx V1.1	Accepted	

0006:401A214D

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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General

3	General	Alarm	Low	C-W---	alarm	
4	General	Lock-up	Low	C-W---	state	

LED management

5	LED management	Day/night	Low	C-W---	1 bit	31/2/1 S
6	LED management	Device LED - ON/OFF	Low	C-W---	switch	
8	LED management	Direction LED - dimming value day	Low	C-W---	percentage (0..100%)	
9	LED management	Status LED - luminosity day	Low	C-W---	percentage (0..100%)	
10	LED management	Direction LED - dimming value night	Low	C-W---	percentage (0..100%)	
11	LED management	Status LED - luminosity night	Low	C-W---	percentage (0..100%)	

Push-button 1

12	Push-button 1	Separately LED object	Low	C-WTU-	switch	3/1/10 S
13	Push-button 1	Status indication ON/OFF	Low	C-WTU-	switch	3/1/10 S
18	Push-button 1	ON/OFF	Low	C--T--	switch	3/0/10 S

Push-button 2

32	Push-button 2	Separately LED object	Low	C-WTU-	switch	3/1/6 S
33	Push-button 2	Status indication ON/OFF	Low	C-WTU-	switch	3/1/6 S
38	Push-button 2	ON/OFF	Low	C--T--	switch	3/0/6 S

Push-button 3

52	Push-button 3	Separately LED object	Low	C-WTU-	switch	3/1/7 S
53	Push-button 3	Status indication ON/OFF	Low	C-WTU-	switch	3/1/7 S
58	Push-button 3	ON/OFF	Low	C--T--	switch	3/0/7 S

Push-button 4

78	Push-button 4	Up/down	Low	C--T--	up/down	20/0/3 S
79	Push-button 4	Stop (short press)	Low	C--T--	trigger	20/1/3 S

Internal temperature sensor

172	Internal temperature sensor	Internal temperature sensor	Low	CR-T--	temperature (°C)	
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External temperature sensor

Information

1.2.30	Berker	801xxxxx	2-8 fold multifunction push-button	S801xxxxx V1.1	Accepted
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0006:401A212C

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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General

3	General	Alarm	Low	C-W---	alarm	
4	General	Lock-up	Low	C-W---	state	

Topology BOUDROS

Address	Manufacturer	Order Number	Product	Application	Status
Description		Room	Trade		
Serial Number					
Comments					
Installation Notes					

	1.2	TP	Line #2		
	1.2.30	Berker	801xxxxx	2-8 fold multifunction push-button	Accepted

0006:401A212C

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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LED management

5	LED management	Day/night	Low	C-W---	1 bit	
6	LED management	Device LED - ON/OFF	Low	C-W---	switch	
8	LED management	Direction LED - dimming value day	Low	C-W---	percentage (0..100%)	
9	LED management	Status LED - luminosity day	Low	C-W---	percentage (0..100%)	
10	LED management	Direction LED - dimming value night	Low	C-W---	percentage (0..100%)	
11	LED management	Status LED - luminosity night	Low	C-W---	percentage (0..100%)	

Push-button 1

12	Push-button 1	Separately LED object	Low	C-WTU-	switch	4/1/0 S, 13/1/5
13	Push-button 1	Status indication ON/OFF	Low	C-WTU-	switch	4/1/0 S, 13/1/5
18	Push-button 1	ON/OFF	Low	C--T--	switch	13/5/0 S
21	Push-button 1	Dimming	Low	C--T--	dimming control	13/7/0 S

Push-button 2

38	Push-button 2	Up/down	Low	C--T--	up/down	14/0/1 S
39	Push-button 2	Stop (short press)	Low	C--T--	trigger	14/1/1 S

Push-button 3

52	Push-button 3	Separately LED object	Low	C-WTU-	switch	4/1/1 S, 13/1/7
53	Push-button 3	Status indication ON/OFF	Low	C-WTU-	switch	4/1/1 S, 13/1/7
58	Push-button 3	ON/OFF	Low	C--T--	switch	13/5/2 S

Push-button 4

78	Push-button 4	Up/down	Low	C--T--	up/down	14/0/10 S
79	Push-button 4	Stop (short press)	Low	C--T--	trigger	14/1/10 S

Internal temperature sensor

172	Internal temperature sensor	Internal temperature sensor	Low	CR-T--	temperature (°C)	
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External temperature sensor

Information

	1.2.31	Berker	801xxxxx	2-8 fold multifunction push-button	Accepted
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0006:401A2137

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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General

3	General	Alarm	Low	C-W---	alarm	
4	General	Lock-up	Low	C-W---	state	

LED management

5	LED management	Day/night	Low	C-W---	1 bit	31/2/1 S
6	LED management	Device LED - ON/OFF	Low	C-W---	switch	

Topology BOUDROS

Address	Manufacturer	Order Number	Product	Application	Status
Description	Serial Number	Room	Trade		
Comments					
Installation Notes					

	1.2	TP	Line #2		
	1.2.31	Berker	801xxxxx	2-8 fold multifunction push-button	S801xxxxx V1.1 Accepted

0006:401A2137

#	Name	Object Function	Priority	Flags	Data Type	Group Addresses
	Description					

LED management

8	LED management	Direction LED - dimming value day	Low	C-W---	percentage (0..100%)	
9	LED management	Status LED - luminosity day	Low	C-W---	percentage (0..100%)	
10	LED management	Direction LED - dimming value night	Low	C-W---	percentage (0..100%)	
11	LED management	Status LED - luminosity night	Low	C-W---	percentage (0..100%)	

Push-button 1

12	Push-button 1	Separately LED object	Low	C-WTU-	switch	13/1/10 S
13	Push-button 1	Status indication ON/OFF	Low	C-WTU-	switch	13/1/10 S
18	Push-button 1	ON/OFF	Low	C--T--	switch	13/0/10 S
21	Push-button 1	Dimming	Low	C--T--	dimming control	13/2/10 S

Push-button 2

38	Push-button 2	Up/down	Low	C--T--	up/down	21/6/2 S
39	Push-button 2	Stop (short press)	Low	C--T--	trigger	21/6/3 S

Push-button 3

52	Push-button 3	Separately LED object	Low	C-WTU-	switch	13/1/8 S
53	Push-button 3	Status indication ON/OFF	Low	C-WTU-	switch	13/1/8 S
58	Push-button 3	ON/OFF	Low	C--T--	switch	13/0/8 S
61	Push-button 3	Dimming	Low	C--T--	dimming control	13/2/8 S

Push-button 4

78	Push-button 4	Up/down	Low	C--T--	up/down	21/6/0 S
79	Push-button 4	Stop (short press)	Low	C--T--	trigger	21/6/1 S

Internal temperature sensor

172	Internal temperature sensor	Internal temperature sensor	Low	CR-T--	temperature (°C)	
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External temperature sensor

Information

	1.2.32	Berker	801xxxxx	2-8 fold multifunction push-button	S801xxxxx V1.1 Accepted
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0006:401A213D

#	Name	Object Function	Priority	Flags	Data Type	Group Addresses
	Description					

General

3	General	Alarm	Low	C-W---	alarm	
4	General	Lock-up	Low	C-W---	state	

LED management

5	LED management	Day/night	Low	C-W---	1 bit	31/2/1 S
6	LED management	Device LED - ON/OFF	Low	C-W---	switch	

Topology BOUDROS

Address	Manufacturer	Order Number	Product	Application	Status
Description					
Serial Number		Room		Trade	
Comments					
Installation Notes					

	1.2	TP	Line #2			
	1.2.32	Berker	801xxxxx	2-8 fold multifunction push-button	S801xxxxx V1.1	Accepted

0006:401A213D

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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LED management

8	LED management	Direction LED - dimming value day	Low	C-W---	percentage (0..100%)	
9	LED management	Status LED - luminosity day	Low	C-W---	percentage (0..100%)	
10	LED management	Direction LED - dimming value night	Low	C-W---	percentage (0..100%)	
11	LED management	Status LED - luminosity night	Low	C-W---	percentage (0..100%)	

Push-button 1

12	Push-button 1	Separately LED object	Low	C-WTU-	switch	13/1/9 S
13	Push-button 1	Status indication ON/OFF	Low	C-WTU-	switch	13/1/9 S
18	Push-button 1	ON/OFF	Low	C--T--	switch	13/0/9 S
21	Push-button 1	Dimming	Low	C--T--	dimming control	13/2/9 S

Push-button 2

38	Push-button 2	Up/down	Low	C--T--	up/down	21/6/0 S
39	Push-button 2	Stop (short press)	Low	C--T--	trigger	21/6/1 S

Push-button 3

52	Push-button 3	Separately LED object	Low	C-WTU-	switch	13/1/10 S
53	Push-button 3	Status indication ON/OFF	Low	C-WTU-	switch	13/1/10 S
58	Push-button 3	ON/OFF	Low	C--T--	switch	13/0/10 S
61	Push-button 3	Dimming	Low	C--T--	dimming control	13/2/10 S

Push-button 4

78	Push-button 4	Up/down	Low	C--T--	up/down	21/6/2 S
79	Push-button 4	Stop (short press)	Low	C--T--	trigger	21/6/3 S

Internal temperature sensor

172	Internal temperature sensor	Internal temperature sensor	Low	CR-T--	temperature (°C)	
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External temperature sensor

Information

	1.2.33	Berker	754413xx	KNX CO2 sensor	KNX CO2 sensor V1	Accepted
000A:8F160B16						

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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0	B.Channel 1	Switching object 1.1	Low	C-WT--	1 bit	
1	B.Channel 2	Switching object 2.1	Low	C-WT--	1 bit	
2	B.Channel 1	Switching object 1.2	Low	C-WT--	1 bit	
3	B.Channel 2	Switching object 2.2	Low	C-WT--	1 bit	
23	R.Output	Actual temperature	Low	CR-T--	2 bytes	
26	R.Input	Basic setpoint	Low	C-W---	2 bytes	
28	R.Input	Operating mode switchover	Low	C-WT--	1 byte	

Topology BOUDROS

Address Description Serial Number Comments Installation Notes	Manufacturer	Order Number	Product	Application	Status
		Room		Trade	

1.2	TP	Line #2				
1.2.33	Berker	754413xx	KNX CO2 sensor	KNX CO2 sensor V1	Accepted	

000A:8F160B16

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
32	R.Input	Operating mode forced-control	Low	C-WT--	1 byte	
33	R.Input / Output	Presence object	Low	C-WT--	1 bit	
34	R.Input	Window status	Low	C-W---	1 bit	
36	R.Output	KNX status operating mode	Low	C--T--	1 byte	
42	R.Output	Cmd. value for heating	Low	C--T--	1 byte	
50	R.Output	Setpoint temperature	Low	CR-T--	2 bytes	
52	R.Output	Current setpoint shift	Low	CR-T--	1 byte	
53	R.Input	Setpoint shift specification	Low	C-W---	1 byte	
55	R.Output	KNX status	Low	C--T--	2 bytes	
56	R.Output	KNX status forced oper. mode	Low	C--T--	1 byte	
59	R.Output	Actual temp. not adjusted	Low	CR-T--	2 bytes	
80	S.Temperature	Measured value	Low	CR-T--	2 bytes	19/4/0 S
81	S.Humidity	Measured value	Low	CR-T--	2 bytes	19/4/1 S
82	S.CO2	Measured value	Low	CR-T--	2 bytes	19/4/2 S
83	S.Dew point	Temperature	Low	CR-T--	2 bytes	19/4/3 S
108	S.Dew point alarm	Switching	Low	CR-T--	1 bit	
110	S.Temperature	Sensor fault	Low	CR-T--	1 bit	
111	S.Humidity	Sensor fault	Low	CR-T--	1 bit	
112	S.CO2	Sensor fault	Low	CR-T--	1 bit	

1.2.34	Berker	801xxxxx	2-8 fold multifunction push-button	S801xxxxx V1.1	Accepted
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0006:401A2114

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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General

3	General	Alarm	Low	C-W---	alarm	
4	General	Lock-up	Low	C-W---	state	

LED management

5	LED management	Day/night	Low	C-W---	1 bit	31/2/1 S
6	LED management	Device LED - ON/OFF	Low	C-W---	switch	
8	LED management	Direction LED - dimming value day	Low	C-W---	percentage (0..100%)	
9	LED management	Status LED - luminosity day	Low	C-W---	percentage (0..100%)	
10	LED management	Direction LED - dimming value night	Low	C-W---	percentage (0..100%)	
11	LED management	Status LED - luminosity night	Low	C-W---	percentage (0..100%)	

Push-button 1

12	Push-button 1	Separately LED object	Low	C-WTU-	switch	13/1/6 S
13	Push-button 1	Status indication ON/OFF	Low	C-WTU-	switch	13/1/6 S
18	Push-button 1	ON/OFF	Low	C--T--	switch	13/0/6 S

Topology BOUDROS

Address	Manufacturer	Order Number	Product	Application	Status
Description	Serial Number	Room	Trade		
Comments					
Installation Notes					

	1.2	TP	Line #2		
	1.2.34	Berker	801xxxxx	2-8 fold multifunction push-button	Accepted

0006:401A2114

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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Push-button 1

21	Push-button 1	Dimming	Low	C--T--	dimming control	13/2/6 S
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Push-button 2

32	Push-button 2	Separately LED object	Low	C-WTU-	switch	13/1/10 S
33	Push-button 2	Status indication ON/OFF	Low	C-WTU-	switch	13/1/10 S
38	Push-button 2	ON/OFF	Low	C--T--	switch	13/0/10 S
41	Push-button 2	Dimming	Low	C--T--	dimming control	13/2/10 S

Push-button 3

52	Push-button 3	Separately LED object	Low	C-WTU-	switch	13/1/17 S
53	Push-button 3	Status indication ON/OFF	Low	C-WTU-	switch	13/1/17 S
58	Push-button 3	ON/OFF	Low	C--T--	switch	13/0/17 S
61	Push-button 3	Dimming	Low	C--T--	dimming control	13/2/17 S

Push-button 4

72	Push-button 4	Separately LED object	Low	C-WTU-	switch	13/1/11 S
73	Push-button 4	Status indication ON/OFF	Low	C-WTU-	switch	13/1/11 S
78	Push-button 4	ON/OFF	Low	C--T--	switch	13/0/11 S
81	Push-button 4	Dimming	Low	C--T--	dimming control	13/2/11 S

Internal temperature sensor

172	Internal temperature sensor	Internal temperature sensor	Low	CR-T--	temperature (°C)	19/5/0 S
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External temperature sensor

Information

	1.2.35	Berker	801xxxxx	2-8 fold multifunction push-button	Accepted
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0006:401A2129

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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General

3	General	Alarm	Low	C-W---	alarm	
4	General	Lock-up	Low	C-W---	state	

LED management

5	LED management	Day/night	Low	C-W---	1 bit	31/2/1 S
6	LED management	Device LED - ON/OFF	Low	C-W---	switch	
8	LED management	Direction LED - dimming value day	Low	C-W---	percentage (0..100%)	
9	LED management	Status LED - luminosity day	Low	C-W---	percentage (0..100%)	
10	LED management	Direction LED - dimming value night	Low	C-W---	percentage (0..100%)	
11	LED management	Status LED - luminosity night	Low	C-W---	percentage (0..100%)	

Push-button 1

Topology BOUDROS

Address	Manufacturer	Order Number	Product	Application	Status
Description	Serial Number	Room	Trade		
Comments					
Installation Notes					

	1.2	TP	Line #2		
	1.2.35	Berker	801xxxxx	2-8 fold multifunction push-button	Accepted

0006:401A2129

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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Push-button 1						
12	Push-button 1	Separately LED object	Low	C-WTU-	switch	13/1/1 S
13	Push-button 1	Status indication ON/OFF	Low	C-WTU-	switch	13/1/1 S
18	Push-button 1	ON/OFF	Low	C--T--	switch	13/0/1 S

Push-button 2						
32	Push-button 2	Separately LED object	Low	C-WTU-	switch	13/1/10 S
33	Push-button 2	Status indication ON/OFF	Low	C-WTU-	switch	13/1/10 S
38	Push-button 2	ON/OFF	Low	C--T--	switch	13/0/10 S
41	Push-button 2	Dimming	Low	C--T--	dimming control	13/2/10 S

Push-button 3						
52	Push-button 3	Separately LED object	Low	C-WTU-	switch	13/1/0 S
53	Push-button 3	Status indication ON/OFF	Low	C-WTU-	switch	13/1/0 S
58	Push-button 3	ON/OFF	Low	C--T--	switch	13/0/0 S

Push-button 4						
72	Push-button 4	Separately LED object	Low	C-WTU-	switch	13/1/11 S
73	Push-button 4	Status indication ON/OFF	Low	C-WTU-	switch	13/1/11 S
78	Push-button 4	ON/OFF	Low	C--T--	switch	13/0/11 S
81	Push-button 4	Dimming	Low	C--T--	dimming control	13/2/11 S

Internal temperature sensor						
172	Internal temperature sensor	Internal temperature sensor	Low	CR-T--	temperature (°C)	

External temperature sensor

Information

	1.2.37	Berker	801xxxxx	2-8 fold multifunction push-button	Accepted
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0006:401A2119

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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General						
3	General	Alarm	Low	C-W---	alarm	
4	General	Lock-up	Low	C-W---	state	

LED management						
5	LED management	Day/night	Low	C-W---	1 bit	
6	LED management	Device LED - ON/OFF	Low	C-W---	switch	
8	LED management	Direction LED - dimming value day	Low	C-W---	percentage (0..100%)	
9	LED management	Status LED - luminosity day	Low	C-W---	percentage (0..100%)	
10	LED management	Direction LED - dimming value night	Low	C-W---	percentage (0..100%)	
11	LED management	Status LED - luminosity night	Low	C-W---	percentage (0..100%)	

Topology BOUDROS

Address	Manufacturer	Order Number	Product	Application	Status
Description	Serial Number	Room	Trade		
Comments					
Installation Notes					

	1.2	TP	Line #2		
	1.2.37	Berker	801xxxxx	2-8 fold multifunction push-button	Accepted

0006:401A2119

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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Push-button 1						
12	Push-button 1	Separately LED object	Low	C-WTU-	switch	13/1/20 S, 13/1/21
13	Push-button 1	Status indication ON/OFF	Low	C-WTU-	switch	13/1/20 S, 13/1/21
18	Push-button 1	ON/OFF	Low	C--T--	switch	13/5/4 S
21	Push-button 1	Dimming	Low	C--T--	dimming control	13/7/4 S

Push-button 2						
38	Push-button 2	Up/down	Low	C--T--	up/down	14/6/0 S
39	Push-button 2	Stop (short press)	Low	C--T--	trigger	14/6/1 S

Push-button 3						
52	Push-button 3	Separately LED object	Low	C-WTU-	switch	13/1/18 S, 13/1/19
53	Push-button 3	Status indication ON/OFF	Low	C-WTU-	switch	13/1/18 S, 13/1/19
58	Push-button 3	ON/OFF	Low	C--T--	switch	13/5/3 S
61	Push-button 3	Dimming	Low	C--T--	dimming control	13/7/3 S

Push-button 4						
82	Push-button 4	Value in %	Low	C--T--	percentage (0..100%)	13/6/2 S

Internal temperature sensor						
172	Internal temperature sensor	Internal temperature sensor	Low	CR-T--	temperature (°C)	

External temperature sensor						
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Information						
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	1.2.38	Hager Electro	TXB692F	2-fold switch actuator 6A 230V AC + 2 inputs, embedded	Accepted
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0009:403A8FBA

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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Output 1						
0	Output 1	ON/OFF	Low	CRW---	switch	
1	Output 1	Status indication ON/OFF	Low	CR-T--	switch	
2	Output 1	Timer	Low	CRW---	start/stop	

Output 2						
10	Output 2	ON/OFF	Low	CRW---	switch	
11	Output 2	Status indication ON/OFF	Low	CR-T--	switch	

Input 1						
20	Input 1	Status indication ON/OFF	Low	CRW---	switch	0/0/1 S
21	Input 1	ON/OFF	Low	CR-T--	switch	14/0/6 S

Input 2						
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Information						
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	1.2.39	AIRZONE – ALTRA	AIDOO-AZAI6KNXxxx	KNX-HVAC AIRZONE GATEWAY	kmachine
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3041:49555258

Topology BOUDROS

Address Description	Manufacturer	Order Number	Product	Application	Status
Serial Number	Room	Trade			
Comments					
Installation Notes					

1.2	TP	Line #2				
1.2.39	AIRZONE – ALTRA	AIDOO-AZAI6KNXxxx	KNX-HVAC AIRZONE GATEWAY	kmachine	Accepted	

3041:49555258

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
1	Control On/Off [DPT_1.001]	0-Off, 1-On	Low	C-W---	1-bit, switch	1/5/0 S, 1/7/0
2	Control Mode [DPT_20.105]	0-Auto, 1-Heat, 3-Cool, 9-Fan, 14-Dry	Low	C-W---	1-byte, HVAC control mode	
3	Control Mode Cool/Heat [DPT_1.100]	0-Cool, 1-Heat	Low	C-W---	1-bit, cooling/heating	1/7/7 S
4	Control Mode Cool & On [DPT 5.001]	0% Off, 1%-100% On + Cool	Low	C-W---	8-bit unsigned value, percentage (0..100%)	
5	Control Mode Heat & On [DPT 5.001]	0% Off, 1%-100% On + Heat	Low	C-W---	8-bit unsigned value, percentage (0..100%)	
6	Control Mode Auto [DPT_1.002]	1-Auto	Low	C-W---	1-bit, boolean	
7	Control Mode Heat [DPT_1.002]	1-Heat	Low	C-W---	1-bit, boolean	
8	Control Mode Cool [DPT_1.002]	1-Cool	Low	C-W---	1-bit, boolean	
9	Control Mode Fan [DPT_1.002]	1-Fan	Low	C-W---	1-bit, boolean	
10	Control Mode Dry [DPT_1.002]	1-Dry	Low	C-W---	1-bit, boolean	
11	Control Mode +/- [DPT_1.007]	0-Decrease, 1-Increase	Low	C-W---	1-bit, step	
12	Control Fan Speed/3 Speeds [DPT 5.001]	0%-49% Speed1, 50%-82% Speed2, 83%-100% Speed3	Low	C-W---	8-bit unsigned value, percentage (0..100%)	
13	Control Fan Speed Man/Auto [DPT 1.002]	1-Auto	Low	C-W---	1-bit, boolean	
14	Control Fan Speed 1 [DPT 1.002]	1-Set Fan Speed 1	Low	C-W---	1-bit, boolean	
15	Control Fan Speed 2 [DPT 1.002]	1-Set Fan Speed 2	Low	C-W---	1-bit, boolean	
16	Control Fan Speed 3 [DPT 1.002]	1-Set Fan Speed 3	Low	C-W---	1-bit, boolean	
17	Control Fan Speed +/- [DPT 1.007]	0-Decrease, 1-Increase	Low	C-W---	1-bit, step	1/5/8 S
18	Control Vanes U-D/5 pos [DPT 5.001]	0%-29% Pos1, 30%-49% Pos2, 50%-69% Pos3, 70%-89% Pos4, 90%-100% Pos5	Low	C-W---	8-bit unsigned value, percentage (0..100%)	
27	Control Setpoint Temperature [DPT 9.001]	°C	Low	C-W---	2-byte float value, temperature (°C)	1/5/2 S, 1/7/2
28	Control Setpoint Temp +/- [DPT 1.007]	0-Decrease, 1-Increase	Low	C-W---	1-bit, step	1/5/4 S
51	Status On/Off [DPT_1.001]	0-Off, 1-On	Low	CR-T--	1-bit, switch	1/5/1 S
52	Status Mode [DPT_20.105]	0-Auto, 1-Heat, 3-Cool, 9-Fan, 14-Dry	Low	CR-T--	1-byte, HVAC control mode	
53	Status Mode Cool/Heat	0-Cool, 1-Heat	Low	CR-T--	1-bit, cooling/heating	1/5/6 S

Topology BOUDROS

Address Description	Manufacturer	Order Number	Product	Application	Status
Serial Number	Room			Trade	
Comments					
Installation Notes					

1.2	TP	Line #2			
1.2.39	AIRZONE – ALTRA	AIDOO-AZAI6KNXxxx	KNX-HVAC AIRZONE GATEWAY	kmachine	Accepted

3041:49555258

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
	[DPT 1.100]					
54	Status Mode Auto [DPT 1.002]	1-Auto	Low	CR-T--	1-bit, boolean	
55	Status Mode Heat [DPT 1.002]	1-Heat	Low	CR-T--	1-bit, boolean	
56	Status Mode Cool [DPT 1.002]	1-Cool	Low	CR-T--	1-bit, boolean	
57	Status Mode Fan [DPT 1.002]	1-Fan	Low	CR-T--	1-bit, boolean	
58	Status Mode Dry [DPT 1.002]	1-Dry	Low	CR-T--	1-bit, boolean	
59	Status Mode Text [DPT 16.001]	ASCII String	Low	CR-T--	character string, Character String (ISO 8859-1)	
60	Status Fan Speed / 3 Speeds [DPT 5.001]	33%-Speed1, 67%-Speed2, 100%-Speed3	Low	CR-T--	8-bit unsigned value, percentage (0..100%)	
61	Status Fan Speed Manual/Auto [DPT 1.002]	0-Manual, 1-Auto	Low	CR-T--	1-bit, boolean	
62	Status Fan Speed 1 [DPT 1.002]	1-Fan is in speed 1	Low	CR-T--	1-bit, boolean	
63	Status Fan Speed 2 [DPT 1.002]	1-Fan is in speed 2	Low	CR-T--	1-bit, boolean	
64	Status Fan Speed 3 [DPT 1.002]	1-Fan is in speed 3	Low	CR-T--	1-bit, boolean	
65	Status Fan Speed Text [DPT 16.001]	ASCII String	Low	CR-T--	character string, Character String (ISO 8859-1)	1/5/9 S
66	Status Vanes U-D/5Pos [DPT 5.001]	20%-Pos1, 40%-Pos2, 60%-Pos3, 80%-Pos4, 100%-Pos5	Low	CR-T--	8-bit unsigned value, percentage (0..100%)	
75	Status AC Setpoint Temp [DPT 9.001]	°C	Low	CR-T--	2-byte float value, temperature (°C)	1/5/3 S
76	Status AC Return Temp [DPT 9.001]	°C	Low	CR-T--	2-byte float value, temperature (°C)	1/5/7 S
77	Internal probe temperature [DPT 9.001]	°C	Low	CR-T--	2-byte float value, temperature (°C)	
78	External probe temperature [DPT 9.001]	°C	Low	CR-T--	2-byte float value, temperature (°C)	
81	Status Error/Alarm [DPT 1.005]	0-No Alarm, 1-Alarm	Low	CR-T--	1-bit, alarm	
82	Error text code [DPT 16.001]	ASCII String	Low	CR-T--	character string, Character String (ISO 8859-1)	
83	Status Operation Hour Counter [DPT 13.100]	Number of operating hours	Low	CR-T--	4-byte signed value, time lag (s)	

1.2.40	Berker	75740101	KNX Touch Control	KNX Touch Control	Accepted
0006:192A4B80					

Topology BOUDROS

Address Description Serial Number Comments Installation Notes	Manufacturer	Order Number	Product	Application	Status
		Room		Trade	

1.2	TP	Line #2				
1.2.40	Berker	75740101	KNX Touch Control	KNX Touch Control	Accepted	

0006:192A4B80

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
1	Software version	Output	Low	CR-T--	2 bytes	
2	Unit malfunction	Output	Low	CR-T--	switch	
5	Access codes reset	Input / Output	Low	CRWT--	1 bit	
6	Reset to download last version	Input / Output	Low	CRWT--	1 bit	
8	Date	Input	Low	C-WTU-	date	31/0/0 S
9	Time	Input	Low	C-WTU-	time of day	31/0/1 S
10	Request date and time	Input / Output	Low	C-WT--	1 bit	
12	Room brightness status	Output	Low	CR-T--	switch	
56	Alarm 1	Input	Low	C-W---	switch	
57	Alarm 1 Acknowledge	Input / Output	Low	C-WT--	switch	
58	Alarm 2	Input	Low	C-W---	switch	
59	Alarm 2 Acknowledge	Input / Output	Low	C-WT--	switch	
60	Alarm 3	Input	Low	C-W---	switch	
61	Alarm 3 Acknowledge	Input / Output	Low	C-WT--	switch	
62	Alarm 4	Input	Low	C-W---	switch	
63	Alarm 4 Acknowledge	Input / Output	Low	C-WT--	switch	
64	Alarm 5	Input	Low	C-W---	switch	
65	Alarm 5 Acknowledge	Input / Output	Low	C-WT--	switch	
66	Alarm 6	Input	Low	C-W---	switch	
67	Alarm 6 Acknowledge	Input / Output	Low	C-WT--	switch	
101	Page 1 Surface 1	Input / Output 16 bit	Low	CRWT--	2-byte float value, 2-byte float value	28/2/0 S, 28/2/1
105	Page 1 Surface 2	Input 1 bit	Low	C-W---	switch, switch	28/0/2, 28/0/3 S
109	Page 1 Surface 3	Input 16 bit	Low	C-W---	2-byte float value, 2-byte float value	19/5/0 S
113	Page 1 Surface 4	Input 1 bit	Low	C-W---	switch, switch	28/0/1 S
151	Page 2 Surface 1	Input / Output 16 bit	Low	CRWT--	2-byte float value, 2-byte float value	1/5/2 S, 1/5/3
155	Page 2 Surface 2	Input / Output 1 bit	Low	CRWT--	switch, switch	1/5/0 S, 1/5/1
159	Page 2 Surface 3	Input / Output 1 bit	Low	CRWT--	switch, switch	1/5/8 S
163	Page 2 Surface 4	Input 16 bit	Low	C-W---	2-byte float value, 2-byte float value	1/5/7 S
167	Page 2 Surface 5	Input 1 bit	Low	C-W---	switch, switch	1/7/7 S
171	Page 2 Surface 6	Input / Output text	Low	CRWT--	Character String (ASCII)	1/5/9 S
201	Page 3 Surface 1	Input / Output ON/OFF	Low	CRWT-I	switch, switch	13/0/6 S, 13/1/6
202	Page 3 Surface 1	Input / Output dimming	Low	CRWT-I	dimming control	13/2/6 S
203	Page 3 Surface 1	Input brightness	Low	C-W--I	percentage (0..100%)	13/4/6 S
205	Page 3 Surface 2	Input / Output ON/OFF	Low	CRWT-I	switch, switch	13/0/17 S, 13/1/17
206	Page 3 Surface 2	Input / Output dimming	Low	CRWT-I	dimming control	13/2/17 S
207	Page 3 Surface 2	Input brightness	Low	C-W--I	percentage (0..100%)	13/4/17 S
209	Page 3 Surface 3	Input / Output 1 bit	Low	CRWT--	switch, switch	13/0/0 S, 13/1/0
213	Page 3 Surface 4	Input / Output ON/OFF	Low	CRWT-I	switch, switch	13/0/11 S, 13/1/11
214	Page 3 Surface 4	Input / Output dimming	Low	CRWT-I	dimming control	13/2/11 S
215	Page 3 Surface 4	Input brightness	Low	C-W--I	percentage (0..100%)	13/4/11 S
217	Page 3 Surface 5	Input / Output ON/OFF	Low	CRWT-I	switch, switch	13/0/10 S, 13/1/10

Topology BOUDROS

Address Description Serial Number Comments Installation Notes	Manufacturer	Order Number	Product	Application	Status
	Room			Trade	

1.2	TP	Line #2				
1.2.40	Berker	75740101	KNX Touch Control	KNX Touch Control	Accepted	

0006:192A4B80

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
218	Page 3 Surface 5	Input / Output dimming	Low	CRWT-I	dimming control	13/2/10 S
219	Page 3 Surface 5	Input brightness	Low	C-W--I	percentage (0..100%)	13/4/10 S
221	Page 3 Surface 6	Input / Output 1 bit	Low	CRWT--	switch, switch	13/0/1 S, 13/1/1
283	Page 4 Rocker 1 Up/Down (long-term)	Output	Low	C--T--	up/down, up/down	14/0/2 S
284	Page 4 Rocker 1 Step/Stop (short press)	Output	Low	C--T--	start/stop, start/stop	14/1/2 S
285	Page 4 Rocker 1 Position	Input	Low	C-W---	percentage (0..100%)	14/3/2 S
287	Page 4 Rocker 1 Status	Input	Low	C-W---	switch	14/0/2 S
288	Page 4 Rocker 2 Up/Down (long-term)	Output	Low	C--T--	up/down, up/down	14/0/3 S
289	Page 4 Rocker 2 Step/Stop (short press)	Output	Low	C--T--	start/stop, start/stop	14/1/3 S
290	Page 4 Rocker 2 Position	Input	Low	C-W---	percentage (0..100%)	14/3/3 S
292	Page 4 Rocker 2 Status	Input	Low	C-W---	switch	14/0/3 S
293	Page 4 Rocker 3 Up/Down (long-term)	Output	Low	C--T--	up/down, up/down	14/0/4 S
294	Page 4 Rocker 3 Step/Stop (short press)	Output	Low	C--T--	start/stop, start/stop	14/1/4 S
295	Page 4 Rocker 3 Position	Input	Low	C-W---	percentage (0..100%)	14/3/4 S
297	Page 4 Rocker 3 Status	Input	Low	C-W---	switch	14/0/4 S
333	Page 5 Rocker 1 Up/Down (long-term)	Output	Low	C--T--	up/down, up/down	14/0/5 S
334	Page 5 Rocker 1 Step/Stop (short press)	Output	Low	C--T--	start/stop, start/stop	14/1/5 S
335	Page 5 Rocker 1 Position	Input	Low	C-W---	percentage (0..100%)	14/3/5 S
337	Page 5 Rocker 1 Status	Input	Low	C-W---	switch	14/0/5 S
338	Page 5 Rocker 2 Up/Down (long-term)	Output	Low	C--T--	up/down, up/down	14/0/6 S
339	Page 5 Rocker 2 Step/Stop (short press)	Output	Low	C--T--	start/stop, start/stop	14/1/6 S
340	Page 5 Rocker 2 Position	Input	Low	C-W---	percentage (0..100%)	14/3/6 S
342	Page 5 Rocker 2 Status	Input	Low	C-W---	switch	14/0/6 S
343	Page 5 Rocker 3 Up/Down (long-term)	Output	Low	C--T--	up/down, up/down	14/6/0 S
344	Page 5 Rocker 3 Step/Stop (short press)	Output	Low	C--T--	start/stop, start/stop	14/6/1 S
345	Page 5 Rocker 3 Position	Input	Low	C-W---	percentage (0..100%)	14/3/7 S
347	Page 5 Rocker 3 Status	Input	Low	C-W---	switch	14/6/0 S
383	Page 6 Rocker 1 Up/Down (long-term)	Output	Low	C--T--	up/down, up/down	14/0/11 S
384	Page 6 Rocker 1 Step/Stop (short press)	Output	Low	C--T--	start/stop, start/stop	14/1/11 S

Topology BOUDROS

Address Description	Manufacturer	Order Number	Product	Application	Status
Serial Number	Room	Trade			
Comments					
Installation Notes					

1.2	TP	Line #2			
1.2.40	Berker	75740101	KNX Touch Control	KNX Touch Control	Accepted
0006:192A4B80					

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
385	Page 6 Rocker 1 Position	Input	Low	C-W---	percentage (0..100%)	14/3/11 S
387	Page 6 Rocker 1 Status	Input	Low	C-W---	switch	14/0/11 S
388	Page 6 Rocker 2 Up/Down (long-term)	Output	Low	C--T--	up/down, up/down	14/0/12 S
389	Page 6 Rocker 2 Step/Stopp (short press)	Output	Low	C--T--	start/stop, start/stop	14/1/12 S
390	Page 6 Rocker 2 Position	Input	Low	C-W---	percentage (0..100%)	14/3/12 S
392	Page 6 Rocker 2 Status	Input	Low	C-W---	switch	14/0/12 S
393	Page 6 Rocker 3 Up/Down (long-term)	Output	Low	C--T--	up/down, up/down	14/6/2 S
394	Page 6 Rocker 3 Step/Stopp (short press)	Output	Low	C--T--	start/stop, start/stop	14/6/3 S
395	Page 6 Rocker 3 Position	Input	Low	C-W---	percentage (0..100%)	14/3/13 S
397	Page 6 Rocker 3 Status	Input	Low	C-W---	switch	14/6/2 S
433	Page 7 Rocker 1 Up/Down (long-term)	Output	Low	C--T--	up/down, up/down	14/0/14 S
434	Page 7 Rocker 1 Step/Stopp (short press)	Output	Low	C--T--	start/stop, start/stop	14/1/14 S
435	Page 7 Rocker 1 Position	Input	Low	C-W---	percentage (0..100%)	14/3/14 S
437	Page 7 Rocker 1 Status	Input	Low	C-W---	switch	14/0/14 S
438	Page 7 Rocker 2 Up/Down (long-term)	Output	Low	C--T--	up/down, up/down	14/0/15 S
439	Page 7 Rocker 2 Step/Stopp (short press)	Output	Low	C--T--	start/stop, start/stop	14/1/15 S
440	Page 7 Rocker 2 Position	Input	Low	C-W---	percentage (0..100%)	14/3/15 S
442	Page 7 Rocker 2 Status	Input	Low	C-W---	switch	14/0/15 S
443	Page 7 Rocker 3 Up/Down (long-term)	Output	Low	C--T--	up/down, up/down	14/0/16 S
444	Page 7 Rocker 3 Step/Stopp (short press)	Output	Low	C--T--	start/stop, start/stop	14/1/16 S
445	Page 7 Rocker 3 Position	Input	Low	C-W---	percentage (0..100%)	14/3/16 S
447	Page 7 Rocker 3 Status	Input	Low	C-W---	switch	14/0/16 S
861	Scene	Input	Low	C-W---	1 byte	

1.2.41	Berker	801xxxxx	2-8 fold multifunction push-button	S801xxxxx V1.1	Accepted
0006:401A2111					

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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General

3	General	Alarm	Low	C-W---	alarm	
4	General	Lock-up	Low	C-W---	state	

Topology BOUDROS

Address Description Serial Number Comments Installation Notes	Manufacturer	Order Number	Product	Application	Status
		Room		Trade	

1.2	TP	Line #2			
1.2.41	Berker	801xxxxx	2-8 fold multifunction push-button	S801xxxxx V1.1	Accepted

0006:401A2111

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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LED management						
5	LED management	Day/night	Low	C-W---	1 bit	31/2/1 S
6	LED management	Device LED - ON/OFF	Low	C-W---	switch	
8	LED management	Direction LED - dimming value day	Low	C-W---	percentage (0..100%)	
9	LED management	Status LED - luminosity day	Low	C-W---	percentage (0..100%)	
10	LED management	Direction LED - dimming value night	Low	C-W---	percentage (0..100%)	
11	LED management	Status LED - luminosity night	Low	C-W---	percentage (0..100%)	

Push-button 1						
12	Push-button 1	Separately LED object	Low	C-WTU-	switch	13/1/12 S
13	Push-button 1	Status indication ON/OFF	Low	C-WTU-	switch	13/1/12 S
18	Push-button 1	ON/OFF	Low	C--T--	switch	13/0/12 S

Push-button 2						
33	Push-button 2	Status indication ON/OFF	Low	C-WTU-	switch	
38	Push-button 2	ON/OFF	Low	C--T--	switch	

Push-button 3						
52	Push-button 3	Separately LED object	Low	C-WTU-	switch	13/1/13 S
53	Push-button 3	Status indication ON/OFF	Low	C-WTU-	switch	13/1/13 S
58	Push-button 3	ON/OFF	Low	C--T--	switch	13/0/13 S

Push-button 4						
78	Push-button 4	Up/down	Low	C--T--	up/down	
79	Push-button 4	Stop (short press)	Low	C--T--	trigger	

Internal temperature sensor						
172	Internal temperature sensor	Internal temperature sensor	Low	CR-T--	temperature (°C)	

External temperature sensor						
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Information						
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1.2.42	Berker	801xxxxx	2-8 fold multifunction push-button	S801xxxxx V1.1	Accepted
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0006:401A2124

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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General						
3	General	Alarm	Low	C-W---	alarm	
4	General	Lock-up	Low	C-W---	state	
LED management						
5	LED management	Day/night	Low	C-W---	1 bit	
6	LED management	Device LED - ON/OFF	Low	C-W---	switch	

Topology BOUDROS

Address	Manufacturer	Order Number	Product	Application	Status
Description	Serial Number	Room	Trade		
Comments	Installation Notes				

	1.2	TP	Line #2		
	1.2.42	Berker	801xxxxx	2-8 fold multifunction push-button	Accepted

0006:401A2124

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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LED management

8	LED management	Direction LED - dimming value day	Low	C-W---	percentage (0..100%)	
9	LED management	Status LED - luminosity day	Low	C-W---	percentage (0..100%)	
10	LED management	Direction LED - dimming value night	Low	C-W---	percentage (0..100%)	
11	LED management	Status LED - luminosity night	Low	C-W---	percentage (0..100%)	

Push-button 1

12	Push-button 1	Separately LED object	Low	C-WTU-	switch	13/1/6 S
13	Push-button 1	Status indication ON/OFF	Low	C-WTU-	switch	13/1/6 S
18	Push-button 1	ON/OFF	Low	C--T--	switch	13/0/6 S
21	Push-button 1	Dimming	Low	C--T--	dimming control	13/2/6 S

Push-button 2

32	Push-button 2	Separately LED object	Low	C-WTU-	switch	13/1/17 S
33	Push-button 2	Status indication ON/OFF	Low	C-WTU-	switch	13/1/17 S
38	Push-button 2	ON/OFF	Low	C--T--	switch	13/0/17 S
41	Push-button 2	Dimming	Low	C--T--	dimming control	13/2/17 S

Push-button 3

52	Push-button 3	Separately LED object	Low	C-WTU-	switch	13/1/10 S
53	Push-button 3	Status indication ON/OFF	Low	C-WTU-	switch	13/1/10 S
58	Push-button 3	ON/OFF	Low	C--T--	switch	13/0/10 S
61	Push-button 3	Dimming	Low	C--T--	dimming control	13/2/10 S

Push-button 4

72	Push-button 4	Separately LED object	Low	C-WTU-	switch	13/1/11 S
73	Push-button 4	Status indication ON/OFF	Low	C-WTU-	switch	13/1/11 S
78	Push-button 4	ON/OFF	Low	C--T--	switch	13/0/11 S
81	Push-button 4	Dimming	Low	C--T--	dimming control	13/2/11 S

Internal temperature sensor

172	Internal temperature sensor	Internal temperature sensor	Low	CR-T--	temperature (°C)	
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External temperature sensor

Information

	1.2.43	Berker	754413xx	KNX CO2 sensor	Accepted
	000A:8F270B16				

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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0	B.Channel 1	Switching object 1.1	Low	C-WT--	1 bit	
1	B.Channel 2	Switching object 2.1	Low	C-WT--	1 bit	
2	B.Channel 1	Switching object 1.2	Low	C-WT--	1 bit	
3	B.Channel 2	Switching object 2.2	Low	C-WT--	1 bit	

Topology BOUDROS

Address Description	Manufacturer	Order Number	Product	Application	Status
Serial Number	Room	Trade			
Comments					
Installation Notes					

1.2	TP	Line #2				
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1.2.43	Berker	754413xx	KNX CO2 sensor	KNX CO2 sensor V1	Accepted
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000A:8F270B16

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
23	R.Output	Actual temperature	Low	CR-T--	2 bytes	
26	R.Input	Basic setpoint	Low	C-W---	2 bytes	
28	R.Input	Operating mode switchover	Low	C-WT--	1 byte	
32	R.Input	Operating mode forced-control	Low	C-WT--	1 byte	
33	R.Input / Output	Presence object	Low	C-WT--	1 bit	
34	R.Input	Window status	Low	C-W---	1 bit	
36	R.Output	KNX status operating mode	Low	C--T--	1 byte	
42	R.Output	Cmd. value for heating	Low	C--T--	1 byte	
50	R.Output	Setpoint temperature	Low	CR-T--	2 bytes	
52	R.Output	Current setpoint shift	Low	CR-T--	1 byte	
53	R.Input	Setpoint shift specification	Low	C-W---	1 byte	
55	R.Output	KNX status	Low	C--T--	2 bytes	
56	R.Output	KNX status forced oper. mode	Low	C--T--	1 byte	
59	R.Output	Actual temp. not adjusted	Low	CR-T--	2 bytes	
80	S.Temperature	Measured value	Low	CR-T--	2 bytes	
81	S.Humidity	Measured value	Low	CR-T--	2 bytes	19/5/1 S
82	S.CO2	Measured value	Low	CR-T--	2 bytes	19/5/2 S
83	S.Dew point	Temperature	Low	CR-T--	2 bytes	19/5/3 S
108	S.Dew point alarm	Switching	Low	CR-T--	1 bit	
110	S.Temperature	Sensor fault	Low	CR-T--	1 bit	
111	S.Humidity	Sensor fault	Low	CR-T--	1 bit	
112	S.CO2	Sensor fault	Low	CR-T--	1 bit	

1.2.50	Hager Electro	TG053A	GPS Weather station	STG053A V1.1	Accepted
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0009:066CEED3

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
1	GPS date	Input / Output	Low	CRWTU-	date	31/0/0 S
2	GPS time	Input / Output	Low	CRWTU-	time of day	31/0/1 S
3	Date and time request	Input	Low	CRW---	1 bit	
5	Location longitude [°]	Output (DPT 14.007)	Low	CR-T--	angle (degree)	
6	Location latitude [°]	Output (DPT 14.007)	Low	CR-T--	angle (degree)	
7	Rain: Switching output 1	Output	Low	CR-T--	switch	31/1/3 S
11	Night: Switching output	Output	Low	CR-T--	switch	31/1/4 S
14	Temperature measurement value	Output	Low	CR-T--	temperature (°C)	31/1/2 S
15	Temperature measurem. value requirement min./max.	Input	Low	CRW---	1 bit	
16	Temperature measurement value minimum	Output	Low	CR-T--	temperature (°C)	

Topology BOUDROS

Address Description Serial Number Comments Installation Notes	Manufacturer	Order Number	Product	Application	Status
		Room		Trade	

1.2	TP	Line #2				
1.2.50	Hager Electro	TG053A	GPS Weather station	STG053A V1.1	Accepted	

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
17	Temperature measurement value maximum	Output	Low	CR-T--	temperature (°C)	
18	Temperature measurement value reset min./max.	Input	Low	CRW---	1 bit	
24	Temperatur TV 1: Switching output	Output	Low	CR-T--	switch	31/1/5 S
44	Wind measurement value	Output	Low	CR-T--	speed (m/s)	31/1/0 S
45	Wind measurement value requirement max.	Input	Low	CRW---	1 bit	
46	Maximum wind measurement value	Output	Low	CR-T--	speed (m/s)	
47	Wind measurement value reset max.	Input	Low	CRW---	1 bit	
53	Wind TV 1: Switching output	Output	Low	CR-T--	switch	31/1/6 S
67	Brightness measurement value	Output	Low	CR-T--	lux (Lux)	31/1/1 S
72	Brightness TV 1: Switching output	Output	Low	CR-T--	switch	
96	Twilight TV 1: Switching output	Output	Low	CR-T--	switch	31/2/0 S, 31/2/1
102	Twilight TV 2: Switching output	Output	Low	CR-T--	switch	
108	Twilight TV 3: Switching output	Output	Low	CR-T--	switch	
139	Calendar time switch P. 1, Seq.1: Switching output	Output	Low	CR-T--	switch	30/1/8 S
141	Calendar time switch P. 2, Seq.1: Switching output	Output	Low	CR-T--	switch	
142	Calendar time switch P. 2, Seq.2: Switching output	Output	Low	CR-T--	switch	
145	Weekly time switch Monday 1: Switching output	Output	Low	CR-T--	switch	
146	Weekly time switch Monday 2: Switching output	Output	Low	CR-T--	switch	
147	Weekly time switch Monday 3: Switching output	Output	Low	CR-T--	switch	
148	Weekly time switch Monday 4: Switching output	Output	Low	CR-T--	switch	
253	Software version	readable	Low	CR-T--	2 bytes	

Topology BOUDROS

Address Description Serial Number Comments Installation Notes	Manufacturer	Order Number	Product	Application	Status
Room	Trade				

1.2 TP Line #2

1.2.100 Hager Electro TXA604D 4-fold switch actuator 16A C-load 230V AC STXA604D Accepted

0009:4035D08D Floor #1 board

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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Output 1

0	Output 1	ON/OFF	Low	CRW---	switch	6/0/0 S, 6/5/0
1	Output 1	Status indication ON/OFF	Low	CR-T--	switch	6/1/0 S

Output 2

10	Output 2	ON/OFF	Low	CRW---	switch	6/0/1 S
11	Output 2	Status indication ON/OFF	Low	CR-T--	switch	6/1/1 S

Output 3

20	Output 3	ON/OFF	Low	CRW---	switch	3/0/0 S
21	Output 3	Status indication ON/OFF	Low	CR-T--	switch	3/1/0 S

Output 4

30	Output 4	ON/OFF	Low	CRW---	switch	6/0/2 S
31	Output 4	Status indication ON/OFF	Low	CR-T--	switch	6/1/2 S

Information

1.2.101 Hager Electro TXM620D 20-fold switch actuator 16A C-load 230V AC STXM620D Accepted

0009:40375E03 Floor #1 board

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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Output 1

0	Output 1	ON/OFF	Low	CRW---	switch	6/0/3 S, 6/5/0
1	Output 1	Status indication ON/OFF	Low	CR-T--	switch	6/1/3 S

Output 2

10	Output 2	ON/OFF	Low	CRW---	switch	6/0/4 S, 6/5/0
11	Output 2	Status indication ON/OFF	Low	CR-T--	switch	6/1/4 S

Output 3

20	Output 3	ON/OFF	Low	CRW---	switch	6/0/5 S, 6/5/0
21	Output 3	Status indication ON/OFF	Low	CR-T--	switch	6/1/5 S

Output 4

30	Output 4	ON/OFF	Low	CRW---	switch	6/0/6 S, 6/5/0
31	Output 4	Status indication ON/OFF	Low	CR-T--	switch	6/1/6 S

Output 5

40	Output 5	ON/OFF	Low	CRW---	switch	4/0/5 S
41	Output 5	Status indication ON/OFF	Low	CR-T--	switch	4/1/5 S

Output 6

50	Output 6	ON/OFF	Low	CRW---	switch	
51	Output 6	Status indication ON/OFF	Low	CR-T--	switch	

Output 7

60	Output 7	ON/OFF	Low	CRW---	switch	7/0/0 S, 7/5/0
61	Output 7	Status indication ON/OFF	Low	CR-T--	switch	7/1/0 S

Output 8

Topology BOUDROS

Address Description Serial Number Comments Installation Notes	Manufacturer	Order Number	Product	Application	Status
		Room		Trade	

1.2	TP	Line #2				
1.2.101	Hager Electro	TXM620D	20-fold switch actuator 16A C- load 230V AC	STXM620D	Accepted	

0009:40375E03 Floor #1 board

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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Output 8

70	Output 8	ON/OFF	Low	CRW---	switch	7/0/1 S, 7/5/0
71	Output 8	Status indication ON/OFF	Low	CR-T--	switch	7/1/1 S

Output 9

80	Output 9	ON/OFF	Low	CRW---	switch	7/0/2 S, 7/5/0
81	Output 9	Status indication ON/OFF	Low	CR-T--	switch	7/1/2 S

Output 10

90	Output 10	ON/OFF	Low	CRW---	switch	
91	Output 10	Status indication ON/OFF	Low	CR-T--	switch	

Output 11

100	Output 11	ON/OFF	Low	CRW---	switch	
101	Output 11	Status indication ON/OFF	Low	CR-T--	switch	

Output 12

110	Output 12	ON/OFF	Low	CRW---	switch	3/0/1 S, 3/5/0
111	Output 12	Status indication ON/OFF	Low	CR-T--	switch	3/1/1 S

Output 13

120	Output 13	ON/OFF	Low	CRW---	switch	3/0/2 S, 3/5/0
121	Output 13	Status indication ON/OFF	Low	CR-T--	switch	3/1/2 S

Output 14

130	Output 14	ON/OFF	Low	CRW---	switch	3/0/3 S, 3/5/0
131	Output 14	Status indication ON/OFF	Low	CR-T--	switch	3/1/3 S

Output 15

140	Output 15	ON/OFF	Low	CRW---	switch	3/0/5 S, 3/5/0
141	Output 15	Status indication ON/OFF	Low	CR-T--	switch	3/1/5 S

Output 16

150	Output 16	ON/OFF	Low	CRW---	switch	3/0/4 S, 3/5/0
151	Output 16	Status indication ON/OFF	Low	CR-T--	switch	3/1/4 S

Output 17

160	Output 17	ON/OFF	Low	CRW---	switch	4/0/2 S, 4/5/0
161	Output 17	Status indication ON/OFF	Low	CR-T--	switch	4/1/2 S

Output 18

170	Output 18	ON/OFF	Low	CRW---	switch	3/0/6 S, 3/5/0
171	Output 18	Status indication ON/OFF	Low	CR-T--	switch	3/1/6 S

Output 19

180	Output 19	ON/OFF	Low	CRW---	switch	3/0/7 S, 3/5/0
181	Output 19	Status indication ON/OFF	Low	CR-T--	switch	3/1/7 S

Output 20

190	Output 20	ON/OFF	Low	CRW---	switch	3/0/10 S, 3/1/10, 3/5/0
191	Output 20	Status indication ON/OFF	Low	CR-T--	switch	3/1/10 S

Information

Topology BOUDROS

Address	Manufacturer	Order Number	Product	Application	Status
Description					
Serial Number		Room		Trade	
Comments					
Installation Notes					

	1.2	TP	Line #2			
	1.2.102	Hager Electro	TXA662AN	2-fold dimming actuator 300W, universal	STXA662AN	Accepted

0009:4037A997 Floor #1 board

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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Output 1

0	Output 1	ON/OFF	Low	CRW---	switch	3/0/8 S, 3/5/0
1	Output 1	Dimming	Low	CRW---	dimming control	3/2/8 S
2	Output 1	Brightness value	Low	CRW---	percentage (0..100%)	3/3/8 S
3	Output 1	Load memorisation	Low	CRW---	start/stop	
8	Output 1	Status indication ON/OFF	Low	CR-T--	switch	3/1/8 S
9	Output 1	Status ind. brightness value	Low	CR-T--	percentage (0..100%)	3/4/8 S

Output 2

14	Output 2	ON/OFF	Low	CRW---	switch	31/2/0 S, 3/0/9
15	Output 2	Dimming	Low	CRW---	dimming control	3/2/9 S
16	Output 2	Brightness value	Low	CRW---	percentage (0..100%)	3/3/9 S
17	Output 2	Load memorisation	Low	CRW---	start/stop	
22	Output 2	Status indication ON/OFF	Low	CR-T--	switch	3/1/9 S
23	Output 2	Status ind. brightness value	Low	CR-T--	percentage (0..100%)	3/4/9 S

Information

	1.2.103	Hager Electro	TXA662AN	2-fold dimming actuator 300W, universal	STXA662AN	Accepted
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0009:4050E7F0 Floor #1 board

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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Output 1

0	Output 1	ON/OFF	Low	CRW---	switch	4/0/0 S, 13/5/0
1	Output 1	Dimming	Low	CRW---	dimming control	4/2/0 S, 13/7/0
2	Output 1	Brightness value	Low	CRW---	percentage (0..100%)	4/3/0 S
3	Output 1	Load memorisation	Low	CRW---	start/stop	
8	Output 1	Status indication ON/OFF	Low	CR-T--	switch	4/1/0 S
9	Output 1	Status ind. brightness value	Low	CR-T--	percentage (0..100%)	4/4/0 S

Output 2

14	Output 2	ON/OFF	Low	CRW---	switch	4/0/1 S, 13/5/2
15	Output 2	Dimming	Low	CRW---	dimming control	4/2/1 S
16	Output 2	Brightness value	Low	CRW---	percentage (0..100%)	4/3/1 S
17	Output 2	Load memorisation	Low	CRW---	start/stop	
22	Output 2	Status indication ON/OFF	Low	CR-T--	switch	4/1/1 S
23	Output 2	Status ind. brightness value	Low	CR-T--	percentage (0..100%)	4/4/1 S

Information

	1.2.104	Hager Electro	TX211A	3 dimming outputs 1/10V	TL211B V1.0	Accepted
0009:053A6B8D		Floor #1 board				

Topology BOUDROS

Address Description	Manufacturer	Order Number	Product	Application	Status
Serial Number	Room	Trade			
Comments					
Installation Notes					

1.2	TP	Line #2				
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	1.2.104	Hager Electro	TX211A	3 dimming outputs 1/10V	TL211B V1.0	Accepted
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0009:053A6B8D Floor #1 board

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
0	ON / OFF	Output 1	Low	C-W-U-	switch	4/0/3 S, 4/5/0
1	Dimming	Output 1	Low	C-W-U-	dimming control	4/2/3 S
2	Brightness value	Output 1	Low	C-W-U-	percentage (0..100%)	4/3/3 S
3	Timer	Output 1	Low	C-W-U-	start/stop	
4	Priority	Output 1	Low	C-W-U-	boolean control	
5	Scene	Output 1	Low	C-W-U-	1 byte	
6	Status indication	Output 1	Low	CR-TU-	switch	4/1/3 S
7	Brightness value indication	Output 1	Low	CR-TU-	percentage (0..100%)	4/4/3 S
8	ON / OFF	Output 2	Low	C-W-U-	switch	4/0/4 S, 4/5/0
9	Dimming	Output 2	Low	C-W-U-	dimming control	4/2/4 S
10	Brightness value	Output 2	Low	C-W-U-	percentage (0..100%)	4/3/4 S
11	Timer	Output 2	Low	C-W-U-	start/stop	
12	Priority	Output 2	Low	C-W-U-	boolean control	
13	Scene	Output 2	Low	C-W-U-	1 byte	
14	Status indication	Output 2	Low	CR-TU-	switch	4/1/4 S
15	Brightness value indication	Output 2	Low	CR-TU-	percentage (0..100%)	4/4/4 S
16	ON / OFF	Output 3	Low	C-W-U-	switch	
17	Dimming	Output 3	Low	C-W-U-	dimming control	
18	Brightness value	Output 3	Low	C-W-U-	percentage (0..100%)	
19	Timer	Output 3	Low	C-W-U-	start/stop	
20	Priority	Output 3	Low	C-W-U-	boolean control	
21	Scene	Output 3	Low	C-W-U-	1 byte	
22	Status indication	Output 3	Low	CR-TU-	switch	
23	Brightness value indication	Output 3	Low	CR-TU-	percentage (0..100%)	

	1.2.106	Hager Electro	TXM620D	20-fold switch actuator 16A C-load 230V AC	STXM620D	Accepted
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0009:40375E00 Floor #1 board

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
Outputs 1-2						
0	Outputs 1-2	Up/down	Low	CRW---	up/down	20/0/0 S, 18/0/0
2	Outputs 1-2	Stop (short press)	Low	CRW---	trigger	20/1/0 S, 18/0/1
3	Outputs 1-2	Position in %	Low	CRW---	percentage (0..100%)	20/2/0 S
5	Outputs 1-2	Status indication position in %	Low	CR-T--	percentage (0..100%)	20/3/0 S
7	Outputs 1-2	Upper position reached	Low	CR-T--	boolean	20/4/0 S
8	Outputs 1-2	Lower position reached	Low	CR-T--	boolean	20/5/0 S
Outputs 3-4						
20	Outputs 3-4	Up/down	Low	CRW---	up/down	23/0/0 S, 18/0/0
22	Outputs 3-4	Stop (short press)	Low	CRW---	trigger	23/1/0 S, 18/0/1
23	Outputs 3-4	Position in %	Low	CRW---	percentage (0..100%)	23/2/0 S
25	Outputs 3-4	Status indication position in %	Low	CR-T--	percentage (0..100%)	23/3/0 S

Topology BOUDROS

Address Description Serial Number Comments Installation Notes	Manufacturer	Order Number	Product	Application	Status
		Room		Trade	

1.2	TP	Line #2				
1.2.106	Hager Electro	TXM620D	20-fold switch actuator 16A C- load 230V AC	STXM620D	Accepted	

0009:40375E00 Floor #1 board

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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Outputs 3-4						
... ..						
Outputs 5-6						
40	Outputs 5-6	Up/down	Low	CRW---	up/down	23/0/1 S, 18/0/0
42	Outputs 5-6	Stop (short press)	Low	CRW---	trigger	23/1/1 S, 18/0/1
43	Outputs 5-6	Position in %	Low	CRW---	percentage (0..100%)	23/2/1 S
45	Outputs 5-6	Status indication position in %	Low	CR-T--	percentage (0..100%)	23/3/1 S
Outputs 7-8						
60	Outputs 7-8	Up/down	Low	CRW---	up/down	22/0/0 S, 18/0/0
62	Outputs 7-8	Stop (short press)	Low	CRW---	trigger	22/1/0 S, 18/0/1
63	Outputs 7-8	Position in %	Low	CRW---	percentage (0..100%)	22/2/0 S
65	Outputs 7-8	Status indication position in %	Low	CR-T--	percentage (0..100%)	22/3/0 S
67	Outputs 7-8	Upper position reached	Low	CR-T--	boolean	22/4/0 S
68	Outputs 7-8	Lower position reached	Low	CR-T--	boolean	22/5/0 S
Outputs 9-10						
80	Outputs 9-10	Up/down	Low	CRW---	up/down	20/0/1 S
82	Outputs 9-10	Stop (short press)	Low	CRW---	trigger	20/1/1 S
83	Outputs 9-10	Position in %	Low	CRW---	percentage (0..100%)	20/2/1 S
85	Outputs 9-10	Status indication position in %	Low	CR-T--	percentage (0..100%)	20/3/1 S
87	Outputs 9-10	Upper position reached	Low	CR-T--	boolean	20/4/1 S
88	Outputs 9-10	Lower position reached	Low	CR-T--	boolean	20/5/1 S
Outputs 11-12						
100	Outputs 11-12	Up/down	Low	CRW---	up/down	23/0/2 S
102	Outputs 11-12	Stop (short press)	Low	CRW---	trigger	23/1/2 S
103	Outputs 11-12	Position in %	Low	CRW---	percentage (0..100%)	23/2/2 S
105	Outputs 11-12	Status indication position in %	Low	CR-T--	percentage (0..100%)	23/3/2 S
Outputs 13-14						
120	Outputs 13-14	Up/down	Low	CRW---	up/down	20/0/2 S
122	Outputs 13-14	Stop (short press)	Low	CRW---	trigger	20/1/2 S
123	Outputs 13-14	Position in %	Low	CRW---	percentage (0..100%)	20/2/2 S
125	Outputs 13-14	Status indication position in %	Low	CR-T--	percentage (0..100%)	20/3/2 S
127	Outputs 13-14	Upper position reached	Low	CR-T--	boolean	20/4/2 S
128	Outputs 13-14	Lower position reached	Low	CR-T--	boolean	20/5/2 S
Outputs 15-16						
140	Outputs 15-16	Up/down	Low	CRW---	up/down	21/0/0 S
142	Outputs 15-16	Stop (short press)	Low	CRW---	trigger	21/1/0 S
143	Outputs 15-16	Position in %	Low	CRW---	percentage (0..100%)	21/2/0 S
145	Outputs 15-16	Status indication position in %	Low	CR-T--	percentage (0..100%)	21/3/0 S

Topology BOUDROS

Address Description Serial Number Comments Installation Notes	Manufacturer	Order Number	Product	Application	Status
		Room		Trade	

1.2	TP	Line #2				
1.2.106	Hager Electro	TXM620D	20-fold switch actuator 16A C- load 230V AC	STXM620D	Accepted	

0009:40375E00 Floor #1 board

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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Outputs 15-16

147	Outputs 15-16	Upper position reached	Low	CR-T--	boolean	21/4/0 S
148	Outputs 15-16	Lower position reached	Low	CR-T--	boolean	21/5/0 S

Outputs 17-18

160	Outputs 17-18	Up/down	Low	CRW---	up/down	21/0/1 S
162	Outputs 17-18	Stop (short press)	Low	CRW---	trigger	21/1/1 S
163	Outputs 17-18	Position in %	Low	CRW---	percentage (0..100%)	21/2/1 S
165	Outputs 17-18	Status indication position in %	Low	CR-T--	percentage (0..100%)	21/3/1 S
167	Outputs 17-18	Upper position reached	Low	CR-T--	boolean	21/4/1 S
168	Outputs 17-18	Lower position reached	Low	CR-T--	boolean	21/5/1 S

Outputs 19-20

180	Outputs 19-20	Up/down	Low	CRW---	up/down	20/0/3 S, 18/0/0
182	Outputs 19-20	Stop (short press)	Low	CRW---	trigger	20/1/3 S, 18/0/1
183	Outputs 19-20	Position in %	Low	CRW---	percentage (0..100%)	20/2/3 S
185	Outputs 19-20	Status indication position in %	Low	CR-T--	percentage (0..100%)	20/3/3 S
187	Outputs 19-20	Upper position reached	Low	CR-T--	boolean	20/4/3 S
188	Outputs 19-20	Lower position reached	Low	CR-T--	boolean	20/5/3 S

Information

1.2.107	Hager Electro	TXA604D	4-fold switch actuator 16A C- load 230V AC	STXA604D	Accepted
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0009:40503154

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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Output 1

0	Output 1	ON/OFF	Low	CRW---	switch	13/0/0 S, 13/1/0
1	Output 1	Status indication ON/OFF	Low	CR-T--	switch	13/1/0 S

Output 2

10	Output 2	ON/OFF	Low	CRW---	switch	13/0/1 S, 13/1/1
11	Output 2	Status indication ON/OFF	Low	CR-T--	switch	13/1/1 S

Output 3

20	Output 3	ON/OFF	Low	CRW---	switch	16/0/0 S
21	Output 3	Status indication ON/OFF	Low	CR-T--	switch	16/0/1 S

Output 4

30	Output 4	ON/OFF	Low	CRW---	switch	
31	Output 4	Status indication ON/OFF	Low	CR-T--	switch	

Information

1.2.108	Hager Electro	TYA664AN	4-fold dimming actuator 300W, universal	STYA664N	Accepted
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0009:403B65EC

Topology BOUDROS

Address Description Serial Number Comments Installation Notes	Manufacturer	Order Number	Product	Application	Status
	Room			Trade	

1.2	TP	Line #2			
1.2.108	Hager Electro	TYA664AN	4-fold dimming actuator 300W, universal	STYA664N	Accepted

0009:403B65EC

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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Output 1

0	Output 1	ON/OFF	Low	CRW---	switch	31/2/0, 13/0/2 S
1	Output 1	Dimming	Low	CRW---	dimming control	13/2/2 S
2	Output 1	Brightness value	Low	CRW---	percentage (0..100%)	13/3/2 S
4	Output 1	Default memorisation	Low	CR-T--	alarm	
7	Output 1	Status indication ON/OFF	Low	CR-T--	switch	13/1/2 S
8	Output 1	Status ind. brightness value	Low	CR-T--	percentage (0..100%)	13/4/2 S

Output 2

31	Output 2	ON/OFF	Low	CRW---	switch	31/2/0, 13/0/3 S
32	Output 2	Dimming	Low	CRW---	dimming control	13/2/3 S
33	Output 2	Brightness value	Low	CRW---	percentage (0..100%)	13/3/3 S
35	Output 2	Default memorisation	Low	CR-T--	alarm	
38	Output 2	Status indication ON/OFF	Low	CR-T--	switch	13/1/3 S
39	Output 2	Status ind. brightness value	Low	CR-T--	percentage (0..100%)	13/4/3 S

Output 3

62	Output 3	ON/OFF	Low	CRW---	switch	31/2/0, 13/0/4 S
63	Output 3	Dimming	Low	CRW---	dimming control	13/2/4 S
64	Output 3	Brightness value	Low	CRW---	percentage (0..100%)	13/3/4 S
66	Output 3	Default memorisation	Low	CR-T--	alarm	
69	Output 3	Status indication ON/OFF	Low	CR-T--	switch	13/1/4 S
70	Output 3	Status ind. brightness value	Low	CR-T--	percentage (0..100%)	13/4/4 S

Output 4

93	Output 4	ON/OFF	Low	CRW---	switch	
94	Output 4	Dimming	Low	CRW---	dimming control	
95	Output 4	Brightness value	Low	CRW---	percentage (0..100%)	
97	Output 4	Default memorisation	Low	CR-T--	alarm	
100	Output 4	Status indication ON/OFF	Low	CR-T--	switch	
101	Output 4	Status ind. brightness value	Low	CR-T--	percentage (0..100%)	

Information

1.2.109	Hager Electro	TYA664AN	4-fold dimming actuator 300W, universal	STYA664N	Accepted
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0009:403B651B

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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Output 1

0	Output 1	ON/OFF	Low	CRW---	switch	13/0/5 S, 13/5/0
1	Output 1	Dimming	Low	CRW---	dimming control	13/2/5 S, 13/7/0
2	Output 1	Brightness value	Low	CRW---	percentage (0..100%)	13/3/5 S, 13/6/0
4	Output 1	Default memorisation	Low	CR-T--	alarm	

Topology BOUDROS

Address	Manufacturer	Order Number	Product	Application	Status
Description					
Serial Number		Room		Trade	
Comments					
Installation Notes					

	1.2	TP	Line #2			
	1.2.109	Hager Electro	TYA664AN	4-fold dimming actuator 300W, universal	STYA664N	Accepted

0009:403B651B

#	Name	Object Function	Priority	Flags	Data Type	Group Addresses
Description						

Output 1

7	Output 1	Status indication ON/OFF	Low	CR-T--	switch	13/1/5 S
8	Output 1	Status ind. brightness value	Low	CR-T--	percentage (0..100%)	13/4/5 S

Output 2

31	Output 2	ON/OFF	Low	CRW---	switch	13/0/6 S
32	Output 2	Dimming	Low	CRW---	dimming control	13/2/6 S
33	Output 2	Brightness value	Low	CRW---	percentage (0..100%)	13/3/6 S
35	Output 2	Default memorisation	Low	CR-T--	alarm	
38	Output 2	Status indication ON/OFF	Low	CR-T--	switch	13/1/6 S
39	Output 2	Status ind. brightness value	Low	CR-T--	percentage (0..100%)	13/4/6 S

Output 3

62	Output 3	ON/OFF	Low	CRW---	switch	31/2/0, 13/0/7 S, 13/5/2
63	Output 3	Dimming	Low	CRW---	dimming control	13/2/7 S
64	Output 3	Brightness value	Low	CRW---	percentage (0..100%)	13/3/7 S, 13/6/1
66	Output 3	Default memorisation	Low	CR-T--	alarm	
69	Output 3	Status indication ON/OFF	Low	CR-T--	switch	13/1/7 S
70	Output 3	Status ind. brightness value	Low	CR-T--	percentage (0..100%)	13/4/7 S

Output 4

93	Output 4	ON/OFF	Low	CRW---	switch	
94	Output 4	Dimming	Low	CRW---	dimming control	
95	Output 4	Brightness value	Low	CRW---	percentage (0..100%)	
97	Output 4	Default memorisation	Low	CR-T--	alarm	
100	Output 4	Status indication ON/OFF	Low	CR-T--	switch	
101	Output 4	Status ind. brightness value	Low	CR-T--	percentage (0..100%)	

Information

	1.2.110	Hager Electro	TYA664AN	4-fold dimming actuator 300W, universal	STYA664N	Accepted
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0009:403B6522

#	Name	Object Function	Priority	Flags	Data Type	Group Addresses
Description						

Output 1

0	Output 1	ON/OFF	Low	CRW---	switch	13/0/8 S
1	Output 1	Dimming	Low	CRW---	dimming control	13/2/8 S
2	Output 1	Brightness value	Low	CRW---	percentage (0..100%)	13/3/8 S
4	Output 1	Default memorisation	Low	CR-T--	alarm	
7	Output 1	Status indication ON/OFF	Low	CR-T--	switch	13/1/8 S
8	Output 1	Status ind. brightness value	Low	CR-T--	percentage (0..100%)	13/4/8 S

Output 2

Topology BOUDROS

Address	Manufacturer	Order Number	Product	Application	Status
Description		Room	Trade		
Serial Number					
Comments					
Installation Notes					

	1.2	TP	Line #2		
	1.2.110	Hager Electro	TYA664AN	4-fold dimming actuator 300W, universal	Accepted

0009:403B6522

#	Name	Object Function	Priority	Flags	Data Type	Group Addresses
Description						

Output 2

31	Output 2	ON/OFF	Low	CRW---	switch	13/0/9 S
32	Output 2	Dimming	Low	CRW---	dimming control	13/2/9 S
33	Output 2	Brightness value	Low	CRW---	percentage (0..100%)	13/3/9 S
35	Output 2	Default memorisation	Low	CR-T--	alarm	
38	Output 2	Status indication ON/OFF	Low	CR-T--	switch	13/1/9 S
39	Output 2	Status ind. brightness value	Low	CR-T--	percentage (0..100%)	13/4/9 S

Output 3

62	Output 3	ON/OFF	Low	CRW---	switch	13/0/10 S
63	Output 3	Dimming	Low	CRW---	dimming control	13/2/10 S
64	Output 3	Brightness value	Low	CRW---	percentage (0..100%)	13/3/10 S
66	Output 3	Default memorisation	Low	CR-T--	alarm	
69	Output 3	Status indication ON/OFF	Low	CR-T--	switch	13/1/10 S
70	Output 3	Status ind. brightness value	Low	CR-T--	percentage (0..100%)	13/4/10 S

Output 4

93	Output 4	ON/OFF	Low	CRW---	switch	13/0/11 S
94	Output 4	Dimming	Low	CRW---	dimming control	13/2/11 S
95	Output 4	Brightness value	Low	CRW---	percentage (0..100%)	13/3/11 S
97	Output 4	Default memorisation	Low	CR-T--	alarm	
100	Output 4	Status indication ON/OFF	Low	CR-T--	switch	13/1/11 S
101	Output 4	Status ind. brightness value	Low	CR-T--	percentage (0..100%)	13/4/11 S

Information

	1.2.111	Hager Electro	TXA604D	4-fold switch actuator 16A C-load 230V AC	Accepted
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0009:40503153

#	Name	Object Function	Priority	Flags	Data Type	Group Addresses
Description						

Output 1

0	Output 1	ON/OFF	Low	CRW---	switch	13/0/12 S
1	Output 1	Status indication ON/OFF	Low	CR-T--	switch	13/1/12 S

Output 2

10	Output 2	ON/OFF	Low	CRW---	switch	13/0/13 S
11	Output 2	Status indication ON/OFF	Low	CR-T--	switch	13/1/13 S

Output 3

20	Output 3	ON/OFF	Low	CRW---	switch	13/0/14 S
21	Output 3	Status indication ON/OFF	Low	CR-T--	switch	13/1/14 S

Output 4

30	Output 4	ON/OFF	Low	CRW---	switch	13/0/16 S
31	Output 4	Status indication ON/OFF	Low	CR-T--	switch	13/1/16 S

Topology BOUDROS

Address	Manufacturer	Order Number	Product	Application	Status
Description	Serial Number	Room	Trade		
Comments					
Installation Notes					

	1.2	TP	Line #2		
	1.2.111	Hager Electro	TXA604D	4-fold switch actuator 16A C-load 230V AC	Accepted

0009:40503153

#	Name	Object Function	Priority	Flags	Data Type	Group Addresses
Description						

Information

	1.2.112	Hager Electro	TXA306	6-fold input universal	Accepted
				STXA306 V1.2	

0009:403BAA2D

#	Name	Object Function	Priority	Flags	Data Type	Group Addresses
Description						
0	Input 1	Status indication	Low	CRW-U-	switch	13/1/16 S
1	Input 1	Toggle switch	Low	CR-TU-	switch	13/0/16 S
6	Input 2	Status indication	Low	CRW-U-	switch	13/1/14 S
7	Input 2	Toggle switch	Low	CR-TU-	switch	13/0/14 S
38	Jamming	Jamming	Low	CRW-U-	enable	
39	Maintenance	Maintenance	Low	CR-TU-	2 bytes	
40	Input 1	Status indication	Low	CRW-U-	switch	13/1/16 S
53	Input 2	Status indication	Low	CRW-U-	switch	
66	Input 3	Status indication	Low	CRW-U-	switch	
79	Input 4	Status indication	Low	CRW-U-	switch	
92	Input 5	Status indication	Low	CRW-U-	switch	
105	Input 6	Status indication	Low	CRW-U-	switch	

	1.2.113	Hager Electro	TX211A	3 dimming outputs 1/10V	Accepted
				TL211B V1.0	

0009:053E71F4

#	Name	Object Function	Priority	Flags	Data Type	Group Addresses
Description						
0	ON / OFF	Output 1	Low	C-W-U-	switch	13/0/17 S
1	Dimming	Output 1	Low	C-W-U-	dimming control	13/2/17 S
2	Brightness value	Output 1	Low	C-W-U-	percentage (0..100%)	13/3/17 S
3	Timer	Output 1	Low	C-W-U-	start/stop	
4	Priority	Output 1	Low	C-W-U-	boolean control	
5	Scene	Output 1	Low	C-W-U-	1 byte	
6	Status indication	Output 1	Low	CR-TU-	switch	13/1/17 S
7	Brightness value indication	Output 1	Low	CR-TU-	percentage (0..100%)	13/4/17 S
8	ON / OFF	Output 2	Low	C-W-U-	switch	13/0/18 S, 13/5/3
9	Dimming	Output 2	Low	C-W-U-	dimming control	13/2/18 S, 13/7/3
10	Brightness value	Output 2	Low	C-W-U-	percentage (0..100%)	13/3/18 S, 13/6/3, 13/6/2
11	Timer	Output 2	Low	C-W-U-	start/stop	
12	Priority	Output 2	Low	C-W-U-	boolean control	
13	Scene	Output 2	Low	C-W-U-	1 byte	
14	Status indication	Output 2	Low	CR-TU-	switch	13/1/18 S
15	Brightness value indication	Output 2	Low	CR-TU-	percentage (0..100%)	13/4/18 S
16	ON / OFF	Output 3	Low	C-W-U-	switch	13/0/19 S, 13/5/3
17	Dimming	Output 3	Low	C-W-U-	dimming control	13/2/19 S, 13/7/3
18	Brightness value	Output 3	Low	C-W-U-	percentage (0..100%)	13/3/19 S, 13/6/3, 13/6/2
19	Timer	Output 3	Low	C-W-U-	start/stop	

Topology BOUDROS

Address Description	Manufacturer	Order Number	Product	Application	Status
Serial Number	Room	Trade			
Comments					
Installation Notes					

1.2	TP	Line #2				
1.2.113	Hager Electro	TX211A	3 dimming outputs 1/10V	TL211B V1.0	Accepted	

0009:053E71F4

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
20	Priority	Output 3	Low	C-W-U-	boolean control	
21	Scene	Output 3	Low	C-W-U-	1 byte	
22	Status indication	Output 3	Low	CR-TU-	switch	13/1/19 S
23	Brightness value indication	Output 3	Low	CR-TU-	percentage (0..100%)	13/4/19 S

1.2.114	Hager Electro	TX211A	3 dimming outputs 1/10V	TL211B V1.0	Accepted
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0009:053A6B8E

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
0	ON / OFF	Output 1	Low	C-W-U-	switch	13/0/20 S, 13/5/4
1	Dimming	Output 1	Low	C-W-U-	dimming control	13/2/20 S, 13/7/4
2	Brightness value	Output 1	Low	C-W-U-	percentage (0..100%)	13/3/20 S, 13/6/4, 13/6/2
3	Timer	Output 1	Low	C-W-U-	start/stop	
4	Priority	Output 1	Low	C-W-U-	boolean control	
5	Scene	Output 1	Low	C-W-U-	1 byte	
6	Status indication	Output 1	Low	CR-TU-	switch	13/1/20 S
7	Brightness value indication	Output 1	Low	CR-TU-	percentage (0..100%)	13/4/20 S
8	ON / OFF	Output 2	Low	C-W-U-	switch	13/0/21 S, 13/5/4
9	Dimming	Output 2	Low	C-W-U-	dimming control	13/2/21 S, 13/7/4
10	Brightness value	Output 2	Low	C-W-U-	percentage (0..100%)	13/3/21 S, 13/6/4, 13/6/2
11	Timer	Output 2	Low	C-W-U-	start/stop	
12	Priority	Output 2	Low	C-W-U-	boolean control	
13	Scene	Output 2	Low	C-W-U-	1 byte	
14	Status indication	Output 2	Low	CR-TU-	switch	13/1/21 S
15	Brightness value indication	Output 2	Low	CR-TU-	percentage (0..100%)	13/4/21 S
16	ON / OFF	Output 3	Low	C-W-U-	switch	
17	Dimming	Output 3	Low	C-W-U-	dimming control	
18	Brightness value	Output 3	Low	C-W-U-	percentage (0..100%)	
19	Timer	Output 3	Low	C-W-U-	start/stop	
20	Priority	Output 3	Low	C-W-U-	boolean control	
21	Scene	Output 3	Low	C-W-U-	1 byte	
22	Status indication	Output 3	Low	CR-TU-	switch	
23	Brightness value indication	Output 3	Low	CR-TU-	percentage (0..100%)	

1.2.115	Hager Electro	TYM620D	20-fold switch actuator 16A C-load 230V AC	STYM620D	Accepted
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0009:4050261B

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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Outputs 1-2

1	Outputs 1-2	Up/Down (long press)	Low	CRW---	up/down	14/0/0 S, 18/0/0
2	Outputs 1-2	Stop (short press)	Low	CRW---	step	14/1/0 S, 18/0/1

Topology BOUDROS

Address Description Serial Number Comments Installation Notes	Manufacturer	Order Number	Product	Application	Status
		Room		Trade	

1.2	TP	Line #2				
1.2.115	Hager Electro	TYM620D	20-fold switch actuator 16A C- load 230V AC	STYM620D	Accepted	

0009:4050261B

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
Outputs 1-2						
3	Outputs 1-2	Position in %	Low	CRW---	percentage (0..100%)	14/2/0 S
5	Outputs 1-2	Position indication in %	Low	CR-T--	percentage (0..100%)	14/3/0 S
7	Outputs 1-2	Upper position reached	Low	CR-T--	boolean	14/4/0 S
8	Outputs 1-2	Lower position reached	Low	CR-T--	boolean	14/5/0 S
Outputs 3-4						
41	Outputs 3-4	Up/Down (long press)	Low	CRW---	up/down	14/0/1 S, 18/0/0
42	Outputs 3-4	Stop (short press)	Low	CRW---	step	14/1/1 S, 18/0/1
43	Outputs 3-4	Position in %	Low	CRW---	percentage (0..100%)	14/2/1 S
45	Outputs 3-4	Position indication in %	Low	CR-T--	percentage (0..100%)	14/3/1 S
47	Outputs 3-4	Upper position reached	Low	CR-T--	boolean	14/4/1 S
48	Outputs 3-4	Lower position reached	Low	CR-T--	boolean	14/5/1 S
Outputs 5-6						
81	Outputs 5-6	Up/Down (long press)	Low	CRW---	up/down	14/0/2 S, 21/6/0, 18/0/0
82	Outputs 5-6	Stop (short press)	Low	CRW---	step	14/1/2 S, 21/6/1, 18/0/1
83	Outputs 5-6	Position in %	Low	CRW---	percentage (0..100%)	14/2/2 S
85	Outputs 5-6	Position indication in %	Low	CR-T--	percentage (0..100%)	14/3/2 S
87	Outputs 5-6	Upper position reached	Low	CR-T--	boolean	14/4/2 S
88	Outputs 5-6	Lower position reached	Low	CR-T--	boolean	14/5/2 S
Outputs 7-8						
121	Outputs 7-8	Up/Down (long press)	Low	CRW---	up/down	14/0/3 S, 21/6/0, 18/0/0
122	Outputs 7-8	Stop (short press)	Low	CRW---	step	14/1/3 S, 21/6/1, 18/0/1
123	Outputs 7-8	Position in %	Low	CRW---	percentage (0..100%)	14/2/3 S
125	Outputs 7-8	Position indication in %	Low	CR-T--	percentage (0..100%)	14/3/3 S
127	Outputs 7-8	Upper position reached	Low	CR-T--	boolean	14/4/3 S
128	Outputs 7-8	Lower position reached	Low	CR-T--	boolean	14/5/3 S
Outputs 9-10						
161	Outputs 9-10	Up/Down (long press)	Low	CRW---	up/down	14/0/4 S, 21/6/0, 18/0/0
162	Outputs 9-10	Stop (short press)	Low	CRW---	step	14/1/4 S, 21/6/1, 18/0/1
163	Outputs 9-10	Position in %	Low	CRW---	percentage (0..100%)	14/2/4 S
165	Outputs 9-10	Position indication in %	Low	CR-T--	percentage (0..100%)	14/3/4 S
167	Outputs 9-10	Upper position reached	Low	CR-T--	boolean	14/4/4 S
168	Outputs 9-10	Lower position reached	Low	CR-T--	boolean	14/5/4 S
Outputs 11-12						
201	Outputs 11-12	Up/Down (long press)	Low	CRW---	up/down	14/0/5 S, 21/6/0, 18/0/0
202	Outputs 11-12	Stop (short press)	Low	CRW---	step	14/1/5 S, 21/6/1, 18/0/1
203	Outputs 11-12	Position in %	Low	CRW---	percentage (0..100%)	14/2/5 S
205	Outputs 11-12	Position indication in %	Low	CR-T--	percentage (0..100%)	14/3/5 S
207	Outputs 11-12	Upper position reached	Low	CR-T--	boolean	14/4/5 S
208	Outputs 11-12	Lower position reached	Low	CR-T--	boolean	14/5/5 S
Outputs 13-14						
241	Outputs 13-14	Up/Down (long press)	Low	CRW---	up/down	14/0/6 S, 21/6/0, 18/0/0
242	Outputs 13-14	Stop (short press)	Low	CRW---	step	14/1/6 S, 21/6/1, 18/0/1

Topology BOUDROS

Address Description Serial Number Comments Installation Notes	Manufacturer	Order Number	Product	Application	Status
		Room		Trade	

1.2	TP	Line #2				
1.2.115	Hager Electro	TYM620D	20-fold switch actuator 16A C- load 230V AC	STYM620D	Accepted	

0009:4050261B

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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Outputs 13-14

243	Outputs 13-14	Position in %	Low	CRW---	percentage (0..100%)	14/2/6 S
245	Outputs 13-14	Position indication in %	Low	CR-T--	percentage (0..100%)	14/3/6 S
247	Outputs 13-14	Upper position reached	Low	CR-T--	boolean	14/4/6 S
248	Outputs 13-14	Lower position reached	Low	CR-T--	boolean	14/5/6 S

Outputs 15-16

281	Outputs 15-16	Up/Down (long press)	Low	CRW---	up/down	14/0/7 S, 14/6/0, 18/0/0
282	Outputs 15-16	Stop (short press)	Low	CRW---	step	14/1/7 S, 14/6/1, 18/0/1
283	Outputs 15-16	Position in %	Low	CRW---	percentage (0..100%)	14/2/7 S
285	Outputs 15-16	Position indication in %	Low	CR-T--	percentage (0..100%)	14/3/7 S
287	Outputs 15-16	Upper position reached	Low	CR-T--	boolean	14/4/7 S
288	Outputs 15-16	Lower position reached	Low	CR-T--	boolean	14/5/7 S

Outputs 17-18

321	Outputs 17-18	Up/Down (long press)	Low	CRW---	up/down	14/0/8 S, 14/6/0, 18/0/0
322	Outputs 17-18	Stop (short press)	Low	CRW---	step	14/1/8 S, 14/6/1, 18/0/1
323	Outputs 17-18	Position in %	Low	CRW---	percentage (0..100%)	14/2/8 S
325	Outputs 17-18	Position indication in %	Low	CR-T--	percentage (0..100%)	14/3/8 S
327	Outputs 17-18	Upper position reached	Low	CR-T--	boolean	14/4/8 S
328	Outputs 17-18	Lower position reached	Low	CR-T--	boolean	14/5/8 S

Outputs 19-20

361	Outputs 19-20	Up/Down (long press)	Low	CRW---	up/down	14/0/9 S
362	Outputs 19-20	Stop (short press)	Low	CRW---	step	14/1/9 S
363	Outputs 19-20	Position in %	Low	CRW---	percentage (0..100%)	14/2/9 S
365	Outputs 19-20	Position indication in %	Low	CR-T--	percentage (0..100%)	14/3/9 S
367	Outputs 19-20	Upper position reached	Low	CR-T--	boolean	14/4/9 S
368	Outputs 19-20	Lower position reached	Low	CR-T--	boolean	14/5/9 S

Information

1.2.116	Hager Electro	TYM620D	20-fold switch actuator 16A C- load 230V AC	STYM620D	Accepted
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0009:40502681

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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Outputs 1-2

1	Outputs 1-2	Up/Down (long press)	Low	CRW---	up/down	14/0/10 S
2	Outputs 1-2	Stop (short press)	Low	CRW---	step	14/1/10 S
3	Outputs 1-2	Position in %	Low	CRW---	percentage (0..100%)	14/2/10 S
5	Outputs 1-2	Position indication in %	Low	CR-T--	percentage (0..100%)	14/3/10 S
7	Outputs 1-2	Upper position reached	Low	CR-T--	boolean	14/4/10 S
8	Outputs 1-2	Lower position reached	Low	CR-T--	boolean	14/5/10 S

Outputs 3-4

41	Outputs 3-4	Up/Down (long press)	Low	CRW---	up/down	14/0/11 S, 21/6/2
42	Outputs 3-4	Stop (short press)	Low	CRW---	step	14/1/11 S, 21/6/3

Topology BOUDROS

Address	Manufacturer	Order Number	Product	Application	Status
Description	Serial Number	Room	Trade		
Comments					
Installation Notes					

	1.2	TP	Line #2		
	1.2.116	Hager Electro	TYM620D	20-fold switch actuator 16A C-load 230V AC	Accepted

0009:40502681

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
Outputs 3-4						
43	Outputs 3-4	Position in %	Low	CRW---	percentage (0..100%)	14/2/11 S
45	Outputs 3-4	Position indication in %	Low	CR-T--	percentage (0..100%)	14/3/11 S
47	Outputs 3-4	Upper position reached	Low	CR-T--	boolean	14/4/11 S
48	Outputs 3-4	Lower position reached	Low	CR-T--	boolean	14/5/11 S
Outputs 5-6						
81	Outputs 5-6	Up/Down (long press)	Low	CRW---	up/down	14/0/12 S, 21/6/2
82	Outputs 5-6	Stop (short press)	Low	CRW---	step	14/1/12 S, 21/6/3
83	Outputs 5-6	Position in %	Low	CRW---	percentage (0..100%)	14/2/12 S
85	Outputs 5-6	Position indication in %	Low	CR-T--	percentage (0..100%)	14/3/12 S
87	Outputs 5-6	Upper position reached	Low	CR-T--	boolean	14/4/12 S
88	Outputs 5-6	Lower position reached	Low	CR-T--	boolean	14/5/12 S
Outputs 7-8						
121	Outputs 7-8	Up/Down (long press)	Low	CRW---	up/down	14/0/13 S, 21/6/2, 14/6/2
122	Outputs 7-8	Stop (short press)	Low	CRW---	step	14/1/13 S, 21/6/3, 14/6/3
123	Outputs 7-8	Position in %	Low	CRW---	percentage (0..100%)	14/2/13 S
125	Outputs 7-8	Position indication in %	Low	CR-T--	percentage (0..100%)	14/3/13 S
127	Outputs 7-8	Upper position reached	Low	CR-T--	boolean	14/4/13 S
128	Outputs 7-8	Lower position reached	Low	CR-T--	boolean	14/5/13 S
Outputs 9-10						
161	Outputs 9-10	Up/Down (long press)	Low	CRW---	up/down	14/0/17 S, 21/6/2, 14/6/2
162	Outputs 9-10	Stop (short press)	Low	CRW---	step	14/1/17 S, 21/6/3, 14/6/3
163	Outputs 9-10	Position in %	Low	CRW---	percentage (0..100%)	14/2/17 S
165	Outputs 9-10	Position indication in %	Low	CR-T--	percentage (0..100%)	14/3/17 S
167	Outputs 9-10	Upper position reached	Low	CR-T--	boolean	14/4/17 S
168	Outputs 9-10	Lower position reached	Low	CR-T--	boolean	14/5/17 S
Outputs 11-12						
201	Outputs 11-12	Up/Down (long press)	Low	CRW---	up/down	14/0/14 S, 21/6/2
202	Outputs 11-12	Stop (short press)	Low	CRW---	step	14/1/14 S, 21/6/3
203	Outputs 11-12	Position in %	Low	CRW---	percentage (0..100%)	14/2/14 S
205	Outputs 11-12	Position indication in %	Low	CR-T--	percentage (0..100%)	14/3/14 S
207	Outputs 11-12	Upper position reached	Low	CR-T--	boolean	14/4/14 S
208	Outputs 11-12	Lower position reached	Low	CR-T--	boolean	14/5/14 S
Outputs 13-14						
241	Outputs 13-14	Up/Down (long press)	Low	CRW---	up/down	14/0/15 S, 21/6/2
242	Outputs 13-14	Stop (short press)	Low	CRW---	step	14/1/15 S, 21/6/3
243	Outputs 13-14	Position in %	Low	CRW---	percentage (0..100%)	14/2/15 S
245	Outputs 13-14	Position indication in %	Low	CR-T--	percentage (0..100%)	14/3/15 S
247	Outputs 13-14	Upper position reached	Low	CR-T--	boolean	14/4/15 S
248	Outputs 13-14	Lower position reached	Low	CR-T--	boolean	14/5/15 S
Outputs 15-16						
281	Outputs 15-16	Up/Down (long press)	Low	CRW---	up/down	14/0/16 S, 21/6/2
282	Outputs 15-16	Stop (short press)	Low	CRW---	step	14/1/16 S, 21/6/3

Topology BOUDROS

Address	Manufacturer	Order Number	Product	Application	Status
Description	Serial Number	Room	Trade		
Comments					
Installation Notes					

	1.2	TP	Line #2			
	1.2.116	Hager Electro	TYM620D	20-fold switch actuator 16A C-load 230V AC	STYM620D	Accepted

0009:40502681

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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Outputs 15-16

283	Outputs 15-16	Position in %	Low	CRW---	percentage (0..100%)	14/2/16 S
285	Outputs 15-16	Position indication in %	Low	CR-T--	percentage (0..100%)	14/3/16 S
287	Outputs 15-16	Upper position reached	Low	CR-T--	boolean	14/4/16 S
288	Outputs 15-16	Lower position reached	Low	CR-T--	boolean	14/5/16 S

Outputs 17-18

321	Outputs 17-18	Up/Down (long press)	Low	CRW---	up/down	16/1/0 S
322	Outputs 17-18	Stop (short press)	Low	CRW---	step	16/1/1 S
323	Outputs 17-18	Position in %	Low	CRW---	percentage (0..100%)	16/1/4 S
325	Outputs 17-18	Position indication in %	Low	CR-T--	percentage (0..100%)	16/1/5 S
327	Outputs 17-18	Upper position reached	Low	CR-T--	boolean	16/1/2 S
328	Outputs 17-18	Lower position reached	Low	CR-T--	boolean	16/1/3 S

Outputs 19-20

361	Outputs 19-20	Up/Down (long press)	Low	CRW---	up/down	
362	Outputs 19-20	Stop (short press)	Low	CRW---	step	
363	Outputs 19-20	Position in %	Low	CRW---	percentage (0..100%)	
365	Outputs 19-20	Position indication in %	Low	CR-T--	percentage (0..100%)	
367	Outputs 19-20	Upper position reached	Low	CR-T--	boolean	
368	Outputs 19-20	Lower position reached	Low	CR-T--	boolean	

Information

	1.3	TP	Line #3			
	1.3.0	Hager Electro	TYF130	Line coupler	TYF130 C00F11	Accepted
	000A:4FAD2115					

	1.3.1	Hager Electro	TXB302	2-input modules embedded	TL302B V1.0	Accepted
	0009:403BCFF6					

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
0	Input 1	Status indication	Low	CRW-U-	1 bit	
1	Input 1	ON / OFF	Low	CR-TU-	1 bit	2/7/0 S
7	Input 2	ON / OFF	Low	CR-TU-	1 bit	2/7/1 S
14	Jamming	Jamming	Low	CRW-U-	1 bit	

	1.3.2	Hager Electro	TXB692F	2-fold switch actuator 6A 230V AC + 2 inputs, embedded	STXB692F	Accepted
	0009:403A908A					

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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Outputs 1-2

0	Outputs 1-2	Up/down	Low	CRW---	up/down	2/4/0 S
2	Outputs 1-2	Stop (short press)	Low	CRW---	trigger	2/4/1 S
3	Outputs 1-2	Position in %	Low	CRW---	percentage (0..100%)	2/4/4 S
5	Outputs 1-2	Status indication position	Low	CR-T--	percentage (0..100%)	2/4/5 S

Topology BOUDROS

Address	Manufacturer	Order Number	Product	Application	Status
Description	Serial Number	Room	Trade		
Comments					
Installation Notes					

	1.3	TP	Line #3		
	1.3.2	Hager Electro	TXB692F	2-fold switch actuator 6A 230V AC + 2 inputs, embedded	Accepted

0009:403A908A

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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Outputs 1-2

		in %				
7	Outputs 1-2	Upper position reached	Low	CR-T--	boolean	2/4/2 S
8	Outputs 1-2	Lower position reached	Low	CR-T--	boolean	2/4/3 S
9	Outputs 1-2	Priority	Low	CRW---	boolean control	
10	Outputs 1-2	Status indication priority	Low	CR-T--	state	
11	Outputs 1-2	Scene	Low	CRW---	scene control	
12	Outputs 1-2	Alarm 1	Low	CRW---	alarm	2/4/6 S
15	Outputs 1-2	Position in % automatic control	Low	CRW---	percentage (0..100%)	
17	Outputs 1-2	Automatic control deactivation	Low	CRW---	enable	
18	Outputs 1-2	Automatic control deactivation status	Low	CR-T--	enable	

Input 1

21	Input 1	ON/OFF	Low	CR-T--	switch	2/4/1 S
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Input 2

29	Input 2	ON/OFF	Low	CR-T--	switch	2/4/1 S
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Information

	1.3.3	Hager Electro	TXB692F	2-fold switch actuator 6A 230V AC + 2 inputs, embedded	Accepted
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0009:403A907B

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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Outputs 1-2

0	Outputs 1-2	Up/down	Low	CRW---	up/down	2/2/0 S, 2/5/4
2	Outputs 1-2	Stop (short press)	Low	CRW---	trigger	2/2/1 S, 2/5/5
3	Outputs 1-2	Position in %	Low	CRW---	percentage (0..100%)	2/2/4 S
5	Outputs 1-2	Status indication position in %	Low	CR-T--	percentage (0..100%)	2/2/5 S
7	Outputs 1-2	Upper position reached	Low	CR-T--	boolean	2/2/2 S
8	Outputs 1-2	Lower position reached	Low	CR-T--	boolean	2/2/3 S
9	Outputs 1-2	Priority	Low	CRW---	boolean control	
10	Outputs 1-2	Status indication priority	Low	CR-T--	state	
11	Outputs 1-2	Scene	Low	CRW---	scene control	
12	Outputs 1-2	Alarm 1	Low	CRW---	alarm	2/2/6 S
15	Outputs 1-2	Position in % automatic control	Low	CRW---	percentage (0..100%)	
17	Outputs 1-2	Automatic control deactivation	Low	CRW---	enable	
18	Outputs 1-2	Automatic control deactivation status	Low	CR-T--	enable	

Input 1

21	Input 1	ON/OFF	Low	CR-T--	switch	2/2/1 S
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Topology BOUDROS

Address Description Serial Number Comments Installation Notes	Manufacturer	Order Number	Product	Application	Status
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1.3 TP Line #3

1.3.3 Hager Electro TXB692F 2-fold switch actuator 6A 230V STXB692F AC + 2 inputs, embedded Accepted

0009:403A907B

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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Input 2

29 Input 2 ON/OFF Low CR-T-- switch 2/2/1 S

Information

1.3.4 Hager Electro TXB692F 2-fold switch actuator 6A 230V STXB692F AC + 2 inputs, embedded Accepted

0009:4050E37D

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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Outputs 1-2

- 0 Outputs 1-2 Up/down Low CRW--- up/down 2/7/0 S
- 2 Outputs 1-2 Stop (short press) Low CRW--- trigger 2/7/1 S
- 3 Outputs 1-2 Position in % Low CRW--- percentage (0..100%) 2/7/4 S
- 5 Outputs 1-2 Status indication position in % Low CR-T-- percentage (0..100%) 2/7/5 S
- 7 Outputs 1-2 Upper position reached Low CR-T-- boolean 2/7/12 S
- 8 Outputs 1-2 Lower position reached Low CR-T-- boolean 2/7/13 S
- 9 Outputs 1-2 Priority Low CRW--- boolean control
- 10 Outputs 1-2 Status indication priority Low CR-T-- state
- 11 Outputs 1-2 Scene Low CRW--- scene control
- 12 Outputs 1-2 Alarm 1 Low CRW--- alarm
- 15 Outputs 1-2 Position in % automatic control Low CRW--- percentage (0..100%)
- 17 Outputs 1-2 Automatic control deactivation Low CRW--- enable
- 18 Outputs 1-2 Automatic control deactivation status Low CR-T-- enable

Input 1

21 Input 1 ON/OFF Low CR-T-- switch 2/7/2 S

Input 2

29 Input 2 ON/OFF Low CR-T-- switch 2/7/3 S

Information

1.3.5 Hager Electro TXB692F 2-fold switch actuator 6A 230V STXB692F AC + 2 inputs, embedded Accepted

0009:4050E352

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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Outputs 1-2

- 0 Outputs 1-2 Up/down Low CRW--- up/down 2/7/6 S
- 2 Outputs 1-2 Stop (short press) Low CRW--- trigger 2/7/7 S
- 3 Outputs 1-2 Position in % Low CRW--- percentage (0..100%) 2/7/10 S
- 5 Outputs 1-2 Status indication position in % Low CR-T-- percentage (0..100%) 2/7/11 S

Topology BOUDROS

Address	Manufacturer	Order Number	Product	Application	Status
Description	Serial Number	Room	Trade		
Comments					
Installation Notes					

	1.3	TP	Line #3		
	1.3.5	Hager Electro	TXB692F	2-fold switch actuator 6A 230V AC + 2 inputs, embedded	Accepted

0009:4050E352

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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Outputs 1-2

7	Outputs 1-2	Upper position reached	Low	CR-T--	boolean	2/7/14 S
8	Outputs 1-2	Lower position reached	Low	CR-T--	boolean	2/7/15 S
9	Outputs 1-2	Priority	Low	CRW---	boolean control	
10	Outputs 1-2	Status indication priority	Low	CR-T--	state	
11	Outputs 1-2	Scene	Low	CRW---	scene control	
15	Outputs 1-2	Position in % automatic control	Low	CRW---	percentage (0..100%)	
17	Outputs 1-2	Automatic control deactivation	Low	CRW---	enable	
18	Outputs 1-2	Automatic control deactivation status	Low	CR-T--	enable	

Input 1

21	Input 1	ON/OFF	Low	CR-T--	switch	2/7/8 S
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Input 2

29	Input 2	ON/OFF	Low	CR-T--	switch	2/7/9 S
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Information

	1.3.6	Hager Electro	TXB692F	2-fold switch actuator 6A 230V AC + 2 inputs, embedded	Accepted
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0009:403A9065

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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Outputs 1-2

0	Outputs 1-2	Up/down	Low	CRW---	up/down	17/0/4 S, 17/7/4
2	Outputs 1-2	Stop (short press)	Low	CRW---	trigger	17/1/4 S, 17/7/5
3	Outputs 1-2	Position in %	Low	CRW---	percentage (0..100%)	17/2/4 S
5	Outputs 1-2	Status indication position in %	Low	CR-T--	percentage (0..100%)	17/3/4 S
7	Outputs 1-2	Upper position reached	Low	CR-T--	boolean	17/4/4 S
8	Outputs 1-2	Lower position reached	Low	CR-T--	boolean	17/5/4 S
9	Outputs 1-2	Priority	Low	CRW---	boolean control	17/6/0 S
10	Outputs 1-2	Status indication priority	Low	CR-T--	state	
12	Outputs 1-2	Alarm 1	Low	CRW---	alarm	17/6/4 S
13	Outputs 1-2	Alarm 2	Low	CRW---	alarm	17/6/8 S
15	Outputs 1-2	Position in % automatic control	Low	CRW---	percentage (0..100%)	

Input 1

21	Input 1	ON/OFF	Low	CR-T--	switch	17/7/0 S
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Input 2

Information

Topology BOUDROS

Address	Manufacturer	Order Number	Product	Application	Status
Description	Serial Number	Room	Trade		
Comments					
Installation Notes					

	1.3	TP	Line #3		
	1.3.7	Hager Electro	TXB692F	2-fold switch actuator 6A 230V AC + 2 inputs, embedded	Accepted

0009:403A903E

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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Outputs 1-2

0	Outputs 1-2	Up/down	Low	CRW---	up/down	17/0/5 S, 17/7/4
2	Outputs 1-2	Stop (short press)	Low	CRW---	trigger	17/1/5 S, 17/7/5
3	Outputs 1-2	Position in %	Low	CRW---	percentage (0..100%)	17/2/5 S
5	Outputs 1-2	Status indication position in %	Low	CR-T--	percentage (0..100%)	17/3/5 S
7	Outputs 1-2	Upper position reached	Low	CR-T--	boolean	17/4/5 S
8	Outputs 1-2	Lower position reached	Low	CR-T--	boolean	17/5/5 S
9	Outputs 1-2	Priority	Low	CRW---	boolean control	17/6/1 S
10	Outputs 1-2	Status indication priority	Low	CR-T--	state	
12	Outputs 1-2	Alarm 1	Low	CRW---	alarm	17/6/5 S
13	Outputs 1-2	Alarm 2	Low	CRW---	alarm	17/6/9 S
15	Outputs 1-2	Position in % automatic control	Low	CRW---	percentage (0..100%)	

Input 1

21	Input 1	ON/OFF	Low	CR-T--	switch	17/7/1 S
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Input 2

Information

	1.3.8	Hager Electro	TXB692F	2-fold switch actuator 6A 230V AC + 2 inputs, embedded	Accepted
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0009:403A9001

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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Outputs 1-2

0	Outputs 1-2	Up/down	Low	CRW---	up/down	17/0/6 S, 17/7/4
2	Outputs 1-2	Stop (short press)	Low	CRW---	trigger	17/1/6 S, 17/7/5
3	Outputs 1-2	Position in %	Low	CRW---	percentage (0..100%)	17/2/6 S
5	Outputs 1-2	Status indication position in %	Low	CR-T--	percentage (0..100%)	17/3/6 S
7	Outputs 1-2	Upper position reached	Low	CR-T--	boolean	17/4/6 S
8	Outputs 1-2	Lower position reached	Low	CR-T--	boolean	17/5/6 S
9	Outputs 1-2	Priority	Low	CRW---	boolean control	17/6/2 S
10	Outputs 1-2	Status indication priority	Low	CR-T--	state	
12	Outputs 1-2	Alarm 1	Low	CRW---	alarm	17/6/6 S
13	Outputs 1-2	Alarm 2	Low	CRW---	alarm	17/6/10 S
15	Outputs 1-2	Position in % automatic control	Low	CRW---	percentage (0..100%)	

Input 1

21	Input 1	ON/OFF	Low	CR-T--	switch	17/7/2 S
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Input 2

Information

Topology BOUDROS

Address	Manufacturer	Order Number	Product	Application	Status
Description					
Serial Number		Room		Trade	
Comments					
Installation Notes					

	1.3	TP	Line #3			
	1.3.9	Hager Electro	TXB692F	2-fold switch actuator 6A 230V AC + 2 inputs, embedded	STXB692F	Accepted

0009:403A9092

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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Outputs 1-2

0	Outputs 1-2	Up/down	Low	CRW---	up/down	17/0/7 S, 17/7/4
2	Outputs 1-2	Stop (short press)	Low	CRW---	trigger	17/1/7 S, 17/7/5
3	Outputs 1-2	Position in %	Low	CRW---	percentage (0..100%)	17/2/7 S
5	Outputs 1-2	Status indication position in %	Low	CR-T--	percentage (0..100%)	17/3/7 S
7	Outputs 1-2	Upper position reached	Low	CR-T--	boolean	17/4/7 S
8	Outputs 1-2	Lower position reached	Low	CR-T--	boolean	17/5/7 S
9	Outputs 1-2	Priority	Low	CRW---	boolean control	17/6/3 S
10	Outputs 1-2	Status indication priority	Low	CR-T--	state	
12	Outputs 1-2	Alarm 1	Low	CRW---	alarm	
13	Outputs 1-2	Alarm 2	Low	CRW---	alarm	
15	Outputs 1-2	Position in % automatic control	Low	CRW---	percentage (0..100%)	

Input 1

21	Input 1	ON/OFF	Low	CR-T--	switch	17/7/3 S
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Input 2

Information

	1.3.10	Hager Electro	TYB602F	2-fold switch actuator 6A 230V AC, embedded	STYB602F	Accepted
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0009:4050843B

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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0	Output 1	ON/OFF	Low	CRW---	switch	2/7/2 S
3	Output 1	Status indication ON/OFF	Low	CR-T--	switch	2/7/16 S
7	Output 1	Preset 1	Low	CRW---	scene	
20	Output 2	ON/OFF	Low	CRW---	switch	2/7/3 S
23	Output 2	Status indication ON/OFF	Low	CR-T--	switch	2/7/17 S
27	Output 2	Preset 1	Low	CRW---	scene	

	1.3.11	Hager Electro	TYB602F	2-fold switch actuator 6A 230V AC, embedded	STYB602F	Accepted
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0009:4050803B

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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0	Output 1	ON/OFF	Low	CRW---	switch	2/7/8 S
3	Output 1	Status indication ON/OFF	Low	CR-T--	switch	2/7/18 S
20	Output 2	ON/OFF	Low	CRW---	switch	2/7/9 S
23	Output 2	Status indication ON/OFF	Low	CR-T--	switch	2/7/19 S

	1.3.50	Berker	75740101	KNX Touch Control	KNX Touch Control	Accepted
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0006:192A4B76

Topology BOUDROS

Address Description	Manufacturer	Order Number	Product	Application	Status
Serial Number	Room			Trade	
Comments					
Installation Notes					

1.3	TP	Line #3				
1.3.50	Berker	75740101	KNX Touch Control	KNX Touch Control	Accepted	

0006:192A4B76

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
1	Software version	Output	Low	CR-T--	2 bytes	
2	Unit malfunction	Output	Low	CR-T--	switch	
5	Access codes reset	Input / Output	Low	CRWT--	1 bit	
6	Reset to download last version	Input / Output	Low	CRWT--	1 bit	
8	Date	Input	Low	C-WTU-	date	31/0/0 S
9	Time	Input	Low	C-WTU-	time of day	31/0/1 S
10	Request date and time	Input / Output	Low	C-WT--	1 bit	
12	Room brightness status	Output	Low	CR-T--	switch	
56	Alarm 1	Input	Low	C-W---	switch	
57	Alarm 1 Acknowledge	Input / Output	Low	C-WT--	switch	
58	Alarm 2	Input	Low	C-W---	switch	
59	Alarm 2 Acknowledge	Input / Output	Low	C-WT--	switch	
60	Alarm 3	Input	Low	C-W---	switch	
61	Alarm 3 Acknowledge	Input / Output	Low	C-WT--	switch	
62	Alarm 4	Input	Low	C-W---	switch	
63	Alarm 4 Acknowledge	Input / Output	Low	C-WT--	switch	
64	Alarm 5	Input	Low	C-W---	switch	
65	Alarm 5 Acknowledge	Input / Output	Low	C-WT--	switch	
66	Alarm 6	Input	Low	C-W---	switch	
67	Alarm 6 Acknowledge	Input / Output	Low	C-WT--	switch	
101	Page 1 Surface 1	Input / Output 1 bit	Low	CRWT--	switch, switch	8/0/12 S, 8/1/12
105	Page 1 Surface 2	Input / Output 1 bit	Low	CRWT-l	switch, switch	8/0/13 S, 8/1/13
109	Page 1 Surface 3	Input / Output 1 bit	Low	CRWT-l	switch, switch	8/0/14 S, 8/1/14
113	Page 1 Surface 4	Input / Output 1 bit	Low	CRWT-l	switch, switch	8/0/15 S, 8/1/15
183	Page 2 Rocker 1 Up/Down (long-term)	Output	Low	C--T--	up/down, up/down	17/0/0 S
184	Page 2 Rocker 1 Step/Stop (short press)	Output	Low	C--T--	start/stop, start/stop	17/1/0 S
185	Page 2 Rocker 1 Position	Input	Low	C-W---	percentage (0..100%)	17/3/1 S
187	Page 2 Rocker 1 Status	Input	Low	C-W---	switch	17/0/0 S
188	Page 2 Rocker 2 Up/Down (long-term)	Output	Low	C--T--	up/down, up/down	17/0/2 S
189	Page 2 Rocker 2 Step/Stop (short press)	Output	Low	C--T--	start/stop, start/stop	17/1/2 S
190	Page 2 Rocker 2 Position	Input	Low	C-W---	percentage (0..100%)	17/3/0 S
192	Page 2 Rocker 2 Status	Input	Low	C-W---	switch	17/0/2 S
201	Page 3 Surface 1	Input / Output 1 bit	Low	CRWT--	switch, switch	11/0/0 S, 11/0/1
205	Page 3 Surface 2	Input / Output ON/OFF	Low	CRWT--	switch, switch	11/0/0 S, 11/0/1
206	Page 3 Surface 2	Input / Output dimming	Low	CRWT--	dimming control	11/0/4 S
207	Page 3 Surface 2	Input brightness	Low	C-W---	percentage (0..100%)	11/0/6 S
248	Page 3 Rotary control	Input / Output red	Low	C-WT--	percentage (0..100%), percentage (0..100%)	11/0/7 S, 11/0/8
249	Page 3 Rotary control	Input / Output green	Low	C-WT--	percentage (0..100%)	11/0/9 S, 11/0/10
250	Page 3 Rotary control	Input / Output blue	Low	C-WT--	percentage (0..100%)	11/0/11 S, 11/0/12

Topology BOUDROS

Address Description	Manufacturer	Order Number	Product	Application	Status
Serial Number	Room			Trade	
Comments					
Installation Notes					

1.3	TP	Line #3				
1.3.50	Berker	75740101	KNX Touch Control	KNX Touch Control	Accepted	

0006:192A4B76

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
251	Page 4 Surface 1	Input / Output 1 bit	Low	CRWT--	switch, switch	11/1/0 S, 11/1/1
255	Page 4 Surface 2	Input / Output ON/OFF	Low	CRWT--	switch, switch	11/1/0 S, 11/1/1
256	Page 4 Surface 2	Input / Output dimming	Low	CRWT--	dimming control	11/1/4 S
257	Page 4 Surface 2	Input brightness	Low	C-W---	percentage (0..100%)	11/1/6 S
298	Page 4 Rotary control	Input / Output red	Low	C-WT--	percentage (0..100%), percentage (0..100%)	11/1/7 S, 11/1/8
299	Page 4 Rotary control	Input / Output green	Low	C-WT--	percentage (0..100%)	11/1/9 S, 11/1/10
300	Page 4 Rotary control	Input / Output blue	Low	C-WT--	percentage (0..100%)	11/1/11 S, 11/1/12
301	Page 5 Surface 1	Input / Output 1 bit	Low	CRWT--	switch, switch	6/0/2 S, 6/1/2
305	Page 5 Surface 2	Input / Output 1 bit	Low	CRWT--	switch, switch	6/0/1 S, 6/1/1
309	Page 5 Surface 3	Input / Output 1 bit	Low	CRWT--	switch, switch	8/0/10 S, 8/1/10
351	Page 6 Surface 1	Input / Output 1 bit	Low	CRWT--	switch, switch	2/7/6 S
355	Page 6 Surface 2	Input / Output 1 bit	Low	CRWT--	switch, switch	2/7/7 S
359	Page 6 Surface 3	Input / Output 1 bit	Low	CRWT--	switch, switch	2/7/6 S
861	Scene	Input	Low	C-W---	1 byte	

1.3.100	Hager Electro	TXA664D	4 outputs DALI broadcast	STXA664D	Accepted
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0009:403A2521 Pool board

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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RGB

0	RGB	ON/OFF	Low	C-W---	switch	11/0/0 S
1	RGB	Dimming	Low	C-W---	dimming control	11/0/4 S
2	RGB	Brightness value	Low	C-W---	percentage (0..100%)	11/0/5 S
8	RGB	RGB values	Low	C-W---	RGB value 3x(0..255)	11/0/2 S
9	RGB	Red value	Low	C-W---	percentage (0..100%)	11/0/7 S
10	RGB	Green value	Low	C-W---	percentage (0..100%)	11/0/9 S
11	RGB	Blue value	Low	C-W---	percentage (0..100%)	11/0/11 S
13	RGB	Red dimming	Low	C-W---	dimming control	
14	RGB	Green dimming	Low	C-W---	dimming control	
15	RGB	Blue dimming	Low	C-W---	dimming control	
17	RGB	Colour scrolling	Low	C-W---	dimming control	
18	RGB	ON/OFF automatic control	Low	C-W---	switch	
19	RGB	Brightness value in % automatic control	Low	C-W---	percentage (0..100%)	
22	RGB	Status indication ON/OFF	Low	CR-T--	switch	11/0/1 S
23	RGB	Status ind. brightness value	Low	CR-T--	percentage (0..100%)	11/0/6 S
25	RGB	Status indication red value	Low	CR-T--	percentage (0..100%)	11/0/8 S
27	RGB	Status indication green value	Low	CR-T--	percentage (0..100%)	11/0/10 S
29	RGB	Status indication blue value	Low	CR-T--	percentage (0..100%)	11/0/12 S
33	RGB	Status indication RGB values	Low	CR-T--	RGB value 3x(0..255)	11/0/3 S

Topology BOUDROS

Address Description Serial Number Comments Installation Notes	Manufacturer	Order Number	Product	Application	Status
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1.3	TP	Line #3				
1.3.100	Hager Electro	TXA664D	4 outputs DALI broadcast	STXA664D	Accepted	

0009:403A2521 Pool board

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
RGB						
34	RGB	Timer	Low	C-W---	start/stop	
35	RGB	Scene	Low	C-W---	scene control	
36	RGB	Priority	Low	C-W---	boolean control	
37	RGB	Status indication priority	Low	CR-T--	state	
Output 2						
38	Output 2	ON/OFF	Low	C-W---	switch	
39	Output 2	Dimming	Low	C-W---	dimming control	
40	Output 2	Brightness value	Low	C-W---	percentage (0..100%)	
45	Output 2	Status indication ON/OFF	Low	CR-T--	switch	
46	Output 2	Status ind. brightness value	Low	CR-T--	percentage (0..100%)	
Output 3						
76	Output 3	ON/OFF	Low	C-W---	switch	
77	Output 3	Dimming	Low	C-W---	dimming control	
78	Output 3	Brightness value	Low	C-W---	percentage (0..100%)	
83	Output 3	Status indication ON/OFF	Low	CR-T--	switch	
84	Output 3	Status ind. brightness value	Low	CR-T--	percentage (0..100%)	
Output 4						
114	Output 4	ON/OFF	Low	C-W---	switch	
115	Output 4	Dimming	Low	C-W---	dimming control	
116	Output 4	Brightness value	Low	C-W---	percentage (0..100%)	
121	Output 4	Status indication ON/OFF	Low	CR-T--	switch	
122	Output 4	Status ind. brightness value	Low	CR-T--	percentage (0..100%)	

Information

1.3.101	Hager Electro	TXA664D	4 outputs DALI broadcast	STXA664D	Accepted
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0009:403A2515

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
RGB						
0	RGB	ON/OFF	Low	C-W---	switch	11/1/0 S
1	RGB	Dimming	Low	C-W---	dimming control	11/1/4 S
2	RGB	Brightness value	Low	C-W---	percentage (0..100%)	11/1/5 S
8	RGB	RGB values	Low	C-W---	RGB value 3x(0..255)	11/1/2 S
9	RGB	Red value	Low	C-W---	percentage (0..100%)	11/1/7 S
10	RGB	Green value	Low	C-W---	percentage (0..100%)	11/1/9 S
11	RGB	Blue value	Low	C-W---	percentage (0..100%)	11/1/11 S
13	RGB	Red dimming	Low	C-W---	dimming control	
14	RGB	Green dimming	Low	C-W---	dimming control	
15	RGB	Blue dimming	Low	C-W---	dimming control	

Topology BOUDROS

Address Description Serial Number Comments Installation Notes	Manufacturer	Order Number	Product	Application	Status
		Room		Trade	

1.3	TP	Line #3			
1.3.101	Hager Electro	TXA664D	4 outputs DALI broadcast	STXA664D	Accepted

0009:403A2515

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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RGB

17	RGB	Colour scrolling	Low	C-W---	dimming control	
18	RGB	ON/OFF automatic control	Low	C-W---	switch	
19	RGB	Brightness value in % automatic control	Low	C-W---	percentage (0..100%)	
22	RGB	Status indication ON/OFF	Low	CR-T--	switch	11/1/1 S
23	RGB	Status ind. brightness value	Low	CR-T--	percentage (0..100%)	11/1/6 S
25	RGB	Status indication red value	Low	CR-T--	percentage (0..100%)	11/1/8 S
27	RGB	Status indication green value	Low	CR-T--	percentage (0..100%)	11/1/10 S
29	RGB	Status indication blue value	Low	CR-T--	percentage (0..100%)	11/1/12 S
33	RGB	Status indication RGB values	Low	CR-T--	RGB value 3x(0..255)	11/1/3 S
34	RGB	Timer	Low	C-W---	start/stop	
35	RGB	Scene	Low	C-W---	scene control	
36	RGB	Priority	Low	C-W---	boolean control	
37	RGB	Status indication priority	Low	CR-T--	state	

Output 2

38	Output 2	ON/OFF	Low	C-W---	switch	
39	Output 2	Dimming	Low	C-W---	dimming control	
40	Output 2	Brightness value	Low	C-W---	percentage (0..100%)	
45	Output 2	Status indication ON/OFF	Low	CR-T--	switch	
46	Output 2	Status ind. brightness value	Low	CR-T--	percentage (0..100%)	

Output 3

76	Output 3	ON/OFF	Low	C-W---	switch	
77	Output 3	Dimming	Low	C-W---	dimming control	
78	Output 3	Brightness value	Low	C-W---	percentage (0..100%)	
83	Output 3	Status indication ON/OFF	Low	CR-T--	switch	
84	Output 3	Status ind. brightness value	Low	CR-T--	percentage (0..100%)	

Output 4

114	Output 4	ON/OFF	Low	C-W---	switch	
115	Output 4	Dimming	Low	C-W---	dimming control	
116	Output 4	Brightness value	Low	C-W---	percentage (0..100%)	
121	Output 4	Status indication ON/OFF	Low	CR-T--	switch	
122	Output 4	Status ind. brightness value	Low	CR-T--	percentage (0..100%)	

Information

1.3.102	Hager Electro	TX211A	3 dimming outputs 1/10V	TL211B V1.0	Accepted
0009:053E6DAA					

Topology BOUDROS

Address Description	Manufacturer	Order Number	Product	Application	Status
Serial Number	Room	Trade			
Comments					
Installation Notes					

1.3	TP	Line #3				
1.3.102	Hager Electro	TX211A	3 dimming outputs 1/10V	TL211B V1.0	Accepted	

0009:053E6DAA

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
0	ON / OFF	Output 1	Low	C-W-U-	switch	31/2/0, 8/0/0 S
1	Dimming	Output 1	Low	C-W-U-	dimming control	
2	Brightness value	Output 1	Low	C-W-U-	percentage (0..100%)	8/3/0 S
3	Timer	Output 1	Low	C-W-U-	start/stop	
4	Priority	Output 1	Low	C-W-U-	boolean control	
5	Scene	Output 1	Low	C-W-U-	1 byte	
6	Status indication	Output 1	Low	CR-TU-	switch	8/1/0 S
7	Brightness value indication	Output 1	Low	CR-TU-	percentage (0..100%)	8/4/0 S
8	ON / OFF	Output 2	Low	C-W-U-	switch	31/2/0, 8/0/1 S
9	Dimming	Output 2	Low	C-W-U-	dimming control	
10	Brightness value	Output 2	Low	C-W-U-	percentage (0..100%)	8/3/1 S
11	Timer	Output 2	Low	C-W-U-	start/stop	
12	Priority	Output 2	Low	C-W-U-	boolean control	
13	Scene	Output 2	Low	C-W-U-	1 byte	
14	Status indication	Output 2	Low	CR-TU-	switch	8/1/1 S
15	Brightness value indication	Output 2	Low	CR-TU-	percentage (0..100%)	8/4/1 S
16	ON / OFF	Output 3	Low	C-W-U-	switch	31/2/0, 8/0/2 S
17	Dimming	Output 3	Low	C-W-U-	dimming control	
18	Brightness value	Output 3	Low	C-W-U-	percentage (0..100%)	8/3/2 S
19	Timer	Output 3	Low	C-W-U-	start/stop	
20	Priority	Output 3	Low	C-W-U-	boolean control	
21	Scene	Output 3	Low	C-W-U-	1 byte	
22	Status indication	Output 3	Low	CR-TU-	switch	8/1/2 S
23	Brightness value indication	Output 3	Low	CR-TU-	percentage (0..100%)	8/4/2 S

1.3.103	Hager Electro	TX211A	3 dimming outputs 1/10V	TL211B V1.0	Accepted
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0009:053E71F3

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
0	ON / OFF	Output 1	Low	C-W-U-	switch	31/2/0, 8/0/3 S
1	Dimming	Output 1	Low	C-W-U-	dimming control	
2	Brightness value	Output 1	Low	C-W-U-	percentage (0..100%)	8/3/3 S
3	Timer	Output 1	Low	C-W-U-	start/stop	
4	Priority	Output 1	Low	C-W-U-	boolean control	
5	Scene	Output 1	Low	C-W-U-	1 byte	
6	Status indication	Output 1	Low	CR-TU-	switch	8/1/3 S
7	Brightness value indication	Output 1	Low	CR-TU-	percentage (0..100%)	8/4/3 S
8	ON / OFF	Output 2	Low	C-W-U-	switch	31/2/0, 8/0/4 S
9	Dimming	Output 2	Low	C-W-U-	dimming control	
10	Brightness value	Output 2	Low	C-W-U-	percentage (0..100%)	8/3/4 S
11	Timer	Output 2	Low	C-W-U-	start/stop	
12	Priority	Output 2	Low	C-W-U-	boolean control	

Topology BOUDROS

Address	Manufacturer	Order Number	Product	Application	Status
Serial Number	Room	Trade			
Comments					
Installation Notes					

1.3	TP	Line #3			
1.3.103	Hager Electro	TX211A	3 dimming outputs 1/10V	TL211B V1.0	Accepted

0009:053E71F3

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
13	Scene	Output 2	Low	C-W-U-	1 byte	
14	Status indication	Output 2	Low	CR-TU-	switch	8/1/4 S
15	Brightness value indication	Output 2	Low	CR-TU-	percentage (0..100%)	8/4/4 S
16	ON / OFF	Output 3	Low	C-W-U-	switch	
17	Dimming	Output 3	Low	C-W-U-	dimming control	
18	Brightness value	Output 3	Low	C-W-U-	percentage (0..100%)	
19	Timer	Output 3	Low	C-W-U-	start/stop	
20	Priority	Output 3	Low	C-W-U-	boolean control	
21	Scene	Output 3	Low	C-W-U-	1 byte	
22	Status indication	Output 3	Low	CR-TU-	switch	
23	Brightness value indication	Output 3	Low	CR-TU-	percentage (0..100%)	

1.3.104	Hager Electro	TXM620D	20-fold switch actuator 16A C-load 230V AC	STXM620D	Accepted
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0009:404F6995

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
Output 1						
0	Output 1	ON/OFF	Low	CRW---	switch	8/0/5 S
1	Output 1	Status indication ON/OFF	Low	CR-T--	switch	8/1/5 S
Output 2						
10	Output 2	ON/OFF	Low	CRW---	switch	31/2/0, 8/0/6 S
11	Output 2	Status indication ON/OFF	Low	CR-T--	switch	8/1/6 S
Output 3						
20	Output 3	ON/OFF	Low	CRW---	switch	31/2/0, 8/0/18 S
21	Output 3	Status indication ON/OFF	Low	CR-T--	switch	8/1/18 S
Output 4						
30	Output 4	ON/OFF	Low	CRW---	switch	31/2/0, 8/0/8 S
31	Output 4	Status indication ON/OFF	Low	CR-T--	switch	8/1/8 S
Output 5						
40	Output 5	ON/OFF	Low	CRW---	switch	31/2/0, 8/0/17 S
41	Output 5	Status indication ON/OFF	Low	CR-T--	switch	8/1/17 S
Output 6						
50	Output 6	ON/OFF	Low	CRW---	switch	31/2/0, 8/0/9 S
51	Output 6	Status indication ON/OFF	Low	CR-T--	switch	8/1/9 S
Output 7						
60	Output 7	ON/OFF	Low	CRW---	switch	8/0/10 S
61	Output 7	Status indication ON/OFF	Low	CR-T--	switch	8/1/10 S
Output 8						
70	Output 8	ON/OFF	Low	CRW---	switch	31/2/0, 8/0/11 S
71	Output 8	Status indication ON/OFF	Low	CR-T--	switch	8/1/11 S

Topology BOUDROS

Address Description Serial Number Comments Installation Notes	Manufacturer	Order Number	Product	Application	Status
		Room		Trade	

1.3	TP	Line #3				
1.3.104	Hager Electro	TXM620D	20-fold switch actuator 16A C- load 230V AC	STXM620D	Accepted	

0009:404F6995

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
Output 9						
80	Output 9	ON/OFF	Low	CRW---	switch	31/2/0 S
81	Output 9	Status indication ON/OFF	Low	CR-T--	switch	
Output 10						
90	Output 10	ON/OFF	Low	CRW---	switch	31/2/0 S
91	Output 10	Status indication ON/OFF	Low	CR-T--	switch	
Output 11						
100	Output 11	ON/OFF	Low	CRW---	switch	31/2/0 S
101	Output 11	Status indication ON/OFF	Low	CR-T--	switch	
Output 12						
110	Output 12	ON/OFF	Low	CRW---	switch	31/2/0 S
111	Output 12	Status indication ON/OFF	Low	CR-T--	switch	
Output 13						
120	Output 13	ON/OFF	Low	CRW---	switch	31/2/0 S
121	Output 13	Status indication ON/OFF	Low	CR-T--	switch	
Output 14						
130	Output 14	ON/OFF	Low	CRW---	switch	31/2/0 S
131	Output 14	Status indication ON/OFF	Low	CR-T--	switch	
Output 15						
140	Output 15	ON/OFF	Low	CRW---	switch	31/2/0 S
141	Output 15	Status indication ON/OFF	Low	CR-T--	switch	
Output 16						
150	Output 16	ON/OFF	Low	CRW---	switch	31/2/0 S
151	Output 16	Status indication ON/OFF	Low	CR-T--	switch	
Output 17						
160	Output 17	ON/OFF	Low	CRW---	switch	31/2/0 S
161	Output 17	Status indication ON/OFF	Low	CR-T--	switch	
Output 18						
170	Output 18	ON/OFF	Low	CRW---	switch	31/2/0 S
171	Output 18	Status indication ON/OFF	Low	CR-T--	switch	
Output 19						
180	Output 19	ON/OFF	Low	CRW---	switch	
181	Output 19	Status indication ON/OFF	Low	CR-T--	switch	
Output 20						
190	Output 20	ON/OFF	Low	CRW---	switch	
191	Output 20	Status indication ON/OFF	Low	CR-T--	switch	

1.3.105	Hager Electro	TXM620D	20-fold switch actuator 16A C- load 230V AC	STXM620D	Accepted
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0009:404F6996

Topology BOUDROS

Address Description Serial Number Comments Installation Notes	Manufacturer	Order Number	Product	Application	Status
		Room		Trade	

1.3	TP	Line #3				
1.3.105	Hager Electro	TXM620D	20-fold switch actuator 16A C- load 230V AC	STXM620D	Accepted	

0009:404F6996

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
Output 1						
0	Output 1	ON/OFF	Low	CRW---	switch	8/0/12 S
1	Output 1	Status indication ON/OFF	Low	CR-T--	switch	8/1/12 S
Output 2						
10	Output 2	ON/OFF	Low	CRW---	switch	8/0/13 S
11	Output 2	Status indication ON/OFF	Low	CR-T--	switch	8/1/13 S
Output 3						
20	Output 3	ON/OFF	Low	CRW---	switch	8/0/14 S
21	Output 3	Status indication ON/OFF	Low	CR-T--	switch	8/1/14 S
Output 4						
30	Output 4	ON/OFF	Low	CRW---	switch	8/0/15 S
31	Output 4	Status indication ON/OFF	Low	CR-T--	switch	8/1/15 S
Output 5						
40	Output 5	ON/OFF	Low	CRW---	switch	8/0/19 S
41	Output 5	Status indication ON/OFF	Low	CR-T--	switch	8/1/19 S
Output 6						
50	Output 6	ON/OFF	Low	CRW---	switch	
51	Output 6	Status indication ON/OFF	Low	CR-T--	switch	
Output 7						
60	Output 7	ON/OFF	Low	CRW---	switch	30/1/4 S
61	Output 7	Status indication ON/OFF	Low	CR-T--	switch	30/1/5 S
63	Output 7	Priority	Low	CRW---	boolean control	30/1/12 S
64	Output 7	Status indication priority	Low	CR-T--	state	
66	Output 7	ON/OFF automatic control	Low	CRW---	switch	
Output 8						
70	Output 8	ON/OFF	Low	CRW---	switch	30/1/10 S
71	Output 8	Status indication ON/OFF	Low	CR-T--	switch	30/1/11 S
73	Output 8	Priority	Low	CRW---	boolean control	30/1/13 S
74	Output 8	Status indication priority	Low	CR-T--	state	
76	Output 8	ON/OFF automatic control	Low	CRW---	switch	
Output 9						
80	Output 9	ON/OFF	Low	CRW---	switch	
81	Output 9	Status indication ON/OFF	Low	CR-T--	switch	
Output 10						
90	Output 10	ON/OFF	Low	CRW---	switch	
91	Output 10	Status indication ON/OFF	Low	CR-T--	switch	
Output 11						
100	Output 11	ON/OFF	Low	CRW---	switch	
101	Output 11	Status indication ON/OFF	Low	CR-T--	switch	

Topology BOUDROS

Address Description Serial Number Comments Installation Notes	Manufacturer	Order Number	Product	Application	Status
		Room		Trade	

1.3	TP	Line #3				
1.3.105	Hager Electro	TXM620D	20-fold switch actuator 16A C- load 230V AC	STXM620D	Accepted	

0009:404F6996

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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Output 12

110	Output 12	ON/OFF	Low	CRW---	switch	
111	Output 12	Status indication ON/OFF	Low	CR-T--	switch	

Output 13

120	Output 13	ON/OFF	Low	CRW---	switch	
121	Output 13	Status indication ON/OFF	Low	CR-T--	switch	

Output 14

130	Output 14	ON/OFF	Low	CRW---	switch	
131	Output 14	Status indication ON/OFF	Low	CR-T--	switch	

Output 15

140	Output 15	ON/OFF	Low	CRW---	switch	
141	Output 15	Status indication ON/OFF	Low	CR-T--	switch	

Output 16

150	Output 16	ON/OFF	Low	CRW---	switch	
151	Output 16	Status indication ON/OFF	Low	CR-T--	switch	

Output 17

160	Output 17	ON/OFF	Low	CRW---	switch	
161	Output 17	Status indication ON/OFF	Low	CR-T--	switch	

Output 18

170	Output 18	ON/OFF	Low	CRW---	switch	
171	Output 18	Status indication ON/OFF	Low	CR-T--	switch	

Output 19

180	Output 19	ON/OFF	Low	CRW---	switch	
181	Output 19	Status indication ON/OFF	Low	CR-T--	switch	

Output 20

190	Output 20	ON/OFF	Low	CRW---	switch	
191	Output 20	Status indication ON/OFF	Low	CR-T--	switch	

Information

1.3.106	Hager Electro	TXM620D	20-fold switch actuator 16A C- load 230V AC	STXM620D	Accepted
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0009:404F699B

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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Outputs 1-2

0	Outputs 1-2	Up/down	Low	CRW---	up/down	17/0/0 S
2	Outputs 1-2	Stop (short press)	Low	CRW---	trigger	17/1/0 S
3	Outputs 1-2	Position in %	Low	CRW---	percentage (0..100%)	17/2/0 S
5	Outputs 1-2	Status indication position in %	Low	CR-T--	percentage (0..100%)	17/3/1 S
7	Outputs 1-2	Upper position reached	Low	CR-T--	boolean	17/4/0 S
8	Outputs 1-2	Lower position reached	Low	CR-T--	boolean	17/5/0 S

Topology BOUDROS

Address Description Serial Number Comments Installation Notes	Manufacturer	Order Number	Product	Application	Status
Room	Trade				

1.3	TP	Line #3				
1.3.106	Hager Electro	TXM620D	20-fold switch actuator 16A C- load 230V AC	STXM620D	Accepted	

0009:404F699B

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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Outputs 1-2

11	Outputs 1-2	Scene	Low	CRW---	scene control	
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Outputs 3-4

20	Outputs 3-4	Up/down	Low	CRW---	up/down	17/0/1 S
22	Outputs 3-4	Stop (short press)	Low	CRW---	trigger	17/1/1 S
23	Outputs 3-4	Position in %	Low	CRW---	percentage (0..100%)	17/2/1 S
25	Outputs 3-4	Status indication position in %	Low	CR-T--	percentage (0..100%)	17/3/2 S
27	Outputs 3-4	Upper position reached	Low	CR-T--	boolean	17/4/1 S
28	Outputs 3-4	Lower position reached	Low	CR-T--	boolean	17/5/1 S
31	Outputs 3-4	Scene	Low	CRW---	scene control	

Outputs 5-6

40	Outputs 5-6	Up/down	Low	CRW---	up/down	17/0/2 S
42	Outputs 5-6	Stop (short press)	Low	CRW---	trigger	17/1/2 S
43	Outputs 5-6	Position in %	Low	CRW---	percentage (0..100%)	17/2/2 S
45	Outputs 5-6	Status indication position in %	Low	CR-T--	percentage (0..100%)	17/3/0 S
47	Outputs 5-6	Upper position reached	Low	CR-T--	boolean	17/4/2 S
48	Outputs 5-6	Lower position reached	Low	CR-T--	boolean	17/5/2 S
51	Outputs 5-6	Scene	Low	CRW---	scene control	

Outputs 7-8

60	Outputs 7-8	Up/down	Low	CRW---	up/down	17/0/3 S
62	Outputs 7-8	Stop (short press)	Low	CRW---	trigger	17/1/3 S
63	Outputs 7-8	Position in %	Low	CRW---	percentage (0..100%)	17/2/3 S
65	Outputs 7-8	Status indication position in %	Low	CR-T--	percentage (0..100%)	17/3/3 S
67	Outputs 7-8	Upper position reached	Low	CR-T--	boolean	17/4/3 S
68	Outputs 7-8	Lower position reached	Low	CR-T--	boolean	17/5/3 S
71	Outputs 7-8	Scene	Low	CRW---	scene control	

Outputs 9-10

80	Outputs 9-10	Up/down	Low	CRW---	up/down	
82	Outputs 9-10	Stop (short press)	Low	CRW---	trigger	
83	Outputs 9-10	Position in %	Low	CRW---	percentage (0..100%)	
85	Outputs 9-10	Status indication position in %	Low	CR-T--	percentage (0..100%)	
87	Outputs 9-10	Upper position reached	Low	CR-T--	boolean	
88	Outputs 9-10	Lower position reached	Low	CR-T--	boolean	
91	Outputs 9-10	Scene	Low	CRW---	scene control	

Outputs 11-12

100	Outputs 11-12	Up/down	Low	CRW---	up/down	
102	Outputs 11-12	Stop (short press)	Low	CRW---	trigger	
103	Outputs 11-12	Position in %	Low	CRW---	percentage (0..100%)	
105	Outputs 11-12	Status indication position in %	Low	CR-T--	percentage (0..100%)	

Topology BOUDROS

Address Description Serial Number Comments Installation Notes	Manufacturer	Order Number	Product	Application	Status
	Room			Trade	

1.3	TP	Line #3				
1.3.106	Hager Electro	TXM620D	20-fold switch actuator 16A C- load 230V AC	STXM620D	Accepted	

0009:404F699B

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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Outputs 11-12

107	Outputs 11-12	Upper position reached	Low	CR-T--	boolean	
108	Outputs 11-12	Lower position reached	Low	CR-T--	boolean	
111	Outputs 11-12	Scene	Low	CRW---	scene control	

Outputs 13-14

120	Outputs 13-14	Up/down	Low	CRW---	up/down	
122	Outputs 13-14	Stop (short press)	Low	CRW---	trigger	
123	Outputs 13-14	Position in %	Low	CRW---	percentage (0..100%)	
125	Outputs 13-14	Status indication position in %	Low	CR-T--	percentage (0..100%)	
127	Outputs 13-14	Upper position reached	Low	CR-T--	boolean	
128	Outputs 13-14	Lower position reached	Low	CR-T--	boolean	

Outputs 15-16

140	Outputs 15-16	Up/down	Low	CRW---	up/down	
142	Outputs 15-16	Stop (short press)	Low	CRW---	trigger	
143	Outputs 15-16	Position in %	Low	CRW---	percentage (0..100%)	
145	Outputs 15-16	Status indication position in %	Low	CR-T--	percentage (0..100%)	
147	Outputs 15-16	Upper position reached	Low	CR-T--	boolean	
148	Outputs 15-16	Lower position reached	Low	CR-T--	boolean	

Outputs 17-18

160	Outputs 17-18	Up/down	Low	CRW---	up/down	
162	Outputs 17-18	Stop (short press)	Low	CRW---	trigger	
163	Outputs 17-18	Position in %	Low	CRW---	percentage (0..100%)	
165	Outputs 17-18	Status indication position in %	Low	CR-T--	percentage (0..100%)	
167	Outputs 17-18	Upper position reached	Low	CR-T--	boolean	
168	Outputs 17-18	Lower position reached	Low	CR-T--	boolean	

Outputs 19-20

180	Outputs 19-20	Up/down	Low	CRW---	up/down	
182	Outputs 19-20	Stop (short press)	Low	CRW---	trigger	
183	Outputs 19-20	Position in %	Low	CRW---	percentage (0..100%)	
185	Outputs 19-20	Status indication position in %	Low	CR-T--	percentage (0..100%)	
187	Outputs 19-20	Upper position reached	Low	CR-T--	boolean	
188	Outputs 19-20	Lower position reached	Low	CR-T--	boolean	

Information

1.3.107	Hager Electro	TXA306	6-fold input universal	STXA306 V1.2	Accepted
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0009:4032BF8B

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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1	Input 1	ON / OFF	Low	CR-TU-	switch	15/2/0 S
7	Input 2	ON / OFF	Low	CR-TU-	switch	15/2/1 S

Topology BOUDROS

Address Description	Manufacturer	Order Number	Product	Application	Status
Serial Number	Room			Trade	
Comments					
Installation Notes					

1.3 TP Line #3

1.3.107 Hager Electro TXA306 6-fold input universal STXA306 V1.2 Accepted
0009:4032BF8B

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
13	Input 3	ON / OFF	Low	CR-TU-	switch	15/2/2 S
19	Input 4	ON / OFF	Low	CR-TU-	switch	15/2/3 S
25	Input 5	ON / OFF	Low	CR-TU-	switch	15/2/4 S
31	Input 6	ON / OFF	Low	CR-TU-	switch	15/2/5 S
38	Jamming	Jamming	Low	CRW-U-	enable	
39	Maintenance	Maintenance	Low	CR-TU-	2 bytes	
40	Input 1	Status indication	Low	CRW-U-	switch	
53	Input 2	Status indication	Low	CRW-U-	switch	
66	Input 3	Status indication	Low	CRW-U-	switch	
FLOTER ΟΜΒΡΙΩΝ ΒΒQ NO						
79	Input 4	Status indication	Low	CRW-U-	switch	
92	Input 5	Status indication	Low	CRW-U-	switch	
105	Input 6	Status indication	Low	CRW-U-	switch	

1.3.108 Hager Electro TXA306 6-fold input universal STXA306 V1.2 Accepted
0009:4038AE3C

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
1	Input 1	ON / OFF	Low	CR-TU-	switch	15/2/6 S
7	Input 2	ON / OFF	Low	CR-TU-	switch	15/2/7 S
13	Input 3	ON / OFF	Low	CR-TU-	switch	15/2/8 S
19	Input 4	ON / OFF	Low	CR-TU-	switch	15/2/9 S
25	Input 5	ON / OFF	Low	CR-TU-	switch	15/2/10 S
31	Input 6	ON / OFF	Low	CR-TU-	switch	15/2/11 S
38	Jamming	Jamming	Low	CRW-U-	enable	
39	Maintenance	Maintenance	Low	CR-TU-	2 bytes	
40	Input 1	Status indication	Low	CRW-U-	switch	
53	Input 2	Status indication	Low	CRW-U-	switch	
66	Input 3	Status indication	Low	CRW-U-	switch	
79	Input 4	Status indication	Low	CRW-U-	switch	
92	Input 5	Status indication	Low	CRW-U-	switch	
105	Input 6	Status indication	Low	CRW-U-	switch	

1.3.109 Hager Electro TXA306 6-fold input universal STXA306 V1.2 Accepted
0009:403963B9

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
1	Input 1	ON / OFF	Low	CR-TU-	switch	15/1/0 S
7	Input 2	ON / OFF	Low	CR-TU-	switch	15/1/1 S
13	Input 3	ON / OFF	Low	CR-TU-	switch	15/1/2 S
19	Input 4	ON / OFF	Low	CR-TU-	switch	15/1/3 S
25	Input 5	ON / OFF	Low	CR-TU-	switch	15/1/4 S
31	Input 6	ON / OFF	Low	CR-TU-	switch	15/1/5 S
38	Jamming	Jamming	Low	CRW-U-	enable	
39	Maintenance	Maintenance	Low	CR-TU-	2 bytes	
40	Input 1	Status indication	Low	CRW-U-	switch	

Topology BOUDROS

Address Description	Manufacturer	Order Number	Product	Application	Status
Serial Number	Room	Trade			
Comments					
Installation Notes					

1.3	TP	Line #3				
1.3.109	Hager Electro	TXA306	6-fold input universal	STXA306 V1.2	Accepted	

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
	ΒΛΑΒΗ ΦΙΛΤΡΟΥ					
53	Input 2	Status indication	Low	CRW-U-	switch	
	ΒΛΑΒΗ ΥΔΡΟΜΑΣΑΖ 1					
66	Input 3	Status indication	Low	CRW-U-	switch	
	ΒΛΑΒΗ ΥΔΡΟΜΑΣΑΖ 2					
79	Input 4	Status indication	Low	CRW-U-	switch	
	ΒΛΑΒΗ ΥΔΡΟΜΑΣΑΖ 3					
92	Input 5	Status indication	Low	CRW-U-	switch	
	ΒΛΑΒΗ BLOWER					
105	Input 6	Status indication	Low	CRW-U-	switch	
	ΒΛΑΒΗ BOOSTER					

1.3.110	Hager Electro	TXA306	6-fold input universal	STXA306 V1.2	Accepted
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#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
1	Input 1	ON / OFF	Low	CR-TU-	switch	15/0/0 S
7	Input 2	ON / OFF	Low	CR-TU-	switch	15/0/1 S
13	Input 3	ON / OFF	Low	CR-TU-	switch	15/0/2 S
19	Input 4	ON / OFF	Low	CR-TU-	switch	15/0/3 S
25	Input 5	ON / OFF	Low	CR-TU-	switch	
31	Input 6	ON / OFF	Low	CR-TU-	switch	
38	Jamming	Jamming	Low	CRW-U-	enable	
39	Maintenance	Maintenance	Low	CR-TU-	2 bytes	
40	Input 1	Status indication	Low	CRW-U-	switch	
	ΛΕΙΤ ΦΙΛΤΡΟΥ					
53	Input 2	Status indication	Low	CRW-U-	switch	
	ΒΛΑΒΗ ΦΙΛΤΡΟΥ					
66	Input 3	Status indication	Low	CRW-U-	switch	
	ΛΕΙΤ BOOSTER					
79	Input 4	Status indication	Low	CRW-U-	switch	
	ΒΛΑΒΗ BOOSTER					
92	Input 5	Status indication	Low	CRW-U-	switch	
105	Input 6	Status indication	Low	CRW-U-	switch	

1.3.111	Hager Electro	TXA662AN	2-fold dimming actuator 300W, universal	STXA662AN	Accepted
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#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
Output 1						
0	Output 1	ON/OFF	Low	CRW---	switch	31/2/0, 8/0/16 S
1	Output 1	Dimming	Low	CRW---	dimming control	8/2/11 S
2	Output 1	Brightness value	Low	CRW---	percentage (0..100%)	8/3/16 S
3	Output 1	Load memorisation	Low	CRW---	start/stop	
8	Output 1	Status indication ON/OFF	Low	CR-T--	switch	8/1/16 S

Topology BOUDROS

Address	Manufacturer	Order Number	Product	Application	Status
Description	Serial Number	Room	Trade		
Comments					
Installation Notes					

	1.3	TP	Line #3			
	1.3.111	Hager Electro	TXA662AN	2-fold dimming actuator 300W, universal	STXA662AN	Accepted

0009:4037A999

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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Output 1

9	Output 1	Status ind. brightness value	Low	CR-T--	percentage (0..100%)	8/4/16 S
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Output 2

14	Output 2	ON/OFF	Low	CRW---	switch	31/2/0, 8/0/20 S
15	Output 2	Dimming	Low	CRW---	dimming control	8/2/20 S
16	Output 2	Brightness value	Low	CRW---	percentage (0..100%)	8/3/20 S
17	Output 2	Load memorisation	Low	CRW---	start/stop	
22	Output 2	Status indication ON/OFF	Low	CR-T--	switch	8/1/20 S
23	Output 2	Status ind. brightness value	Low	CR-T--	percentage (0..100%)	8/4/20 S

Information

	1.4	TP	Line #4 RF MASTER BEDROOM 2			
	1.4.0	Hager Electro	TR131	Coupleur de média	STR131	
	0009:403B98AF					

	1.4.3	Hager Electro	ТУ406	6-channel remote control RF	STU406	
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#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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0	Push button 1	Status indication	Low	CRW---	1 bit	13/1/10 S
1	Push button 1	ON / OFF	Low	CR-T--	1 bit	13/0/10 S
4	Push button 1	Dimming	Low	CR-T--	4 bit	13/2/10 S
6	Push button 2	Status indication	Low	CRW---	1 bit	13/1/17 S
7	Push button 2	ON / OFF	Low	CR-T--	1 bit	13/0/17 S
10	Push button 2	Dimming	Low	CR-T--	4 bit	13/2/17 S
12	Push button 3	Status indication	Low	CRW---	1 bit	13/1/8 S
13	Push button 3	ON / OFF	Low	CR-T--	1 bit	13/0/8 S
16	Push button 3	Dimming	Low	CR-T--	4 bit	13/2/8 S
18	Push button 4	Status indication	Low	CRW---	1 bit	13/1/9 S
19	Push button 4	ON / OFF	Low	CR-T--	1 bit	13/0/9 S
22	Push button 4	Dimming	Low	CR-T--	4 bit	13/2/9 S
24	Push button 5	Status indication	Low	CRW---	1 bit	21/6/0 S
25	Push button 5	Slat angle / Stop	Low	CR-T--	1 bit	21/6/1 S
26	Push button 5	Up / Down	Low	CR-T--	1 bit	21/6/0 S
30	Push button 6	Status indication	Low	CRW---	1 bit	21/6/2 S
31	Push button 6	Slat angle / Stop	Low	CR-T--	1 bit	21/6/3 S
32	Push button 6	Up / Down	Low	CR-T--	1 bit	21/6/2 S
36	Status indication	Battery Status	Low	CR-T--	1 bit	

	1.4.4	Hager Electro	ТУ406	6-channel remote control RF	STU406	
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#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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0	Push button 1	Status indication	Low	CRW---	1 bit	13/1/10 S
1	Push button 1	ON / OFF	Low	CR-T--	1 bit	13/0/10 S

Topology BOUDROS

Address	Manufacturer	Order Number	Product	Application	Status
Description					
Serial Number		Room		Trade	
Comments					
Installation Notes					

1.4 TP Line #4 RF MASTER BEDROOM 2

1.4.4 Hager Electro TU406 6-channel remote control RF STU406

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
4	Push button 1	Dimming	Low	CR-T--	4 bit	13/2/10 S
6	Push button 2	Status indication	Low	CRW---	1 bit	13/1/17 S
7	Push button 2	ON / OFF	Low	CR-T--	1 bit	13/0/17 S
10	Push button 2	Dimming	Low	CR-T--	4 bit	13/2/17 S
12	Push button 3	Status indication	Low	CRW---	1 bit	13/1/8 S
13	Push button 3	ON / OFF	Low	CR-T--	1 bit	13/0/8 S
16	Push button 3	Dimming	Low	CR-T--	4 bit	13/2/8 S
18	Push button 4	Status indication	Low	CRW---	1 bit	13/1/9 S
19	Push button 4	ON / OFF	Low	CR-T--	1 bit	13/0/9 S
22	Push button 4	Dimming	Low	CR-T--	4 bit	13/2/9 S
24	Push button 5	Status indication	Low	CRW---	1 bit	21/6/0 S
25	Push button 5	Slat angle / Stop	Low	CR-T--	1 bit	21/6/1 S
26	Push button 5	Up / Down	Low	CR-T--	1 bit	21/6/0 S
30	Push button 6	Status indication	Low	CRW---	1 bit	21/6/2 S
31	Push button 6	Slat angle / Stop	Low	CR-T--	1 bit	21/6/3 S
32	Push button 6	Up / Down	Low	CR-T--	1 bit	21/6/2 S
36	Status indication	Battery Status	Low	CR-T--	1 bit	

1.4.5 Hager Electro TRM690G 1-fold output 200 W, 2 wires + 2 STRM690G inputs, embedded

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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Output ON/OFF

0	Output	ON/OFF	Low	CRW---	switch	31/2/0, 10/0/22 S
8	Output	Status indication ON/OFF	Low	CR-T--	switch	10/1/22 S

Input 1

14	Input 1	Status indication ON/OFF	Low	CRW---	switch	10/1/22 S
15	Input 1	ON/OFF	Low	CR-T--	switch	10/0/22 S

Input 2

24	Input 2	Status indication ON/OFF	Low	CRW---	switch	10/1/22 S
25	Input 2	ON/OFF	Low	CR-T--	switch	10/0/22 S

Information

1.4.6 Berker 85656xxx 2-fold push button RF battery 2-fold push button RF battery

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
0	Push button 1	Status indication	Low	CRW---	switch	13/1/10 S
1	Push button 1	ON / OFF	Low	CR-T--	switch	13/0/10 S
4	Push button 1	Dimming	Low	CR-T--	dimming control	13/2/10 S
6	Push button 2	Status indication	Low	CRW---	switch	21/6/2 S
7	Push button 2	Slat angle / Stop	Low	CR-T--	1-bit, 1-bit	21/6/3 S
8	Push button 2	Up / Down	Low	CR-T--	up/down	21/6/2 S
12	Push button 3	Status indication	Low	CRW---	switch	13/1/8 S
13	Push button 3	ON / OFF	Low	CR-T--	switch	13/0/8 S
16	Push button 3	Dimming	Low	CR-T--	dimming control	13/2/8 S
18	Push button 4	Status indication	Low	CRW---	switch	21/6/0 S

Topology BOUDROS

Address	Manufacturer	Order Number	Product	Application	Status
Description	Serial Number	Room	Trade		
Comments					
Installation Notes					

1.4 TP Line #4 RF MASTER BEDROOM 2

1.4.6 Berker 85656xxx 2-fold push button RF battery 2-fold push button RF battery

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
19	Push button 4	Slat angle / Stop	Low	CR-T--	1-bit, 1-bit	21/6/1 S
20	Push button 4	Up / Down	Low	CR-T--	up/down	21/6/0 S
24	Status indication	Battery Status	Low	CR-T--	boolean	

1.4.7 Berker 85656xxx 2-fold push button RF battery 2-fold push button RF battery

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
0	Push button 1	Status indication	Low	CRW---	switch	13/1/9 S
1	Push button 1	ON / OFF	Low	CR-T--	switch	13/0/9 S
4	Push button 1	Dimming	Low	CR-T--	dimming control	13/2/9 S
6	Push button 2	Status indication	Low	CRW---	switch	21/6/0 S
7	Push button 2	Slat angle / Stop	Low	CR-T--	1-bit, 1-bit	21/6/1 S
8	Push button 2	Up / Down	Low	CR-T--	up/down	21/6/0 S
12	Push button 3	Status indication	Low	CRW---	switch	13/1/10 S
13	Push button 3	ON / OFF	Low	CR-T--	switch	13/0/10 S
16	Push button 3	Dimming	Low	CR-T--	dimming control	13/2/10 S
18	Push button 4	Status indication	Low	CRW---	switch	21/6/2 S
19	Push button 4	Slat angle / Stop	Low	CR-T--	1-bit, 1-bit	21/6/3 S
20	Push button 4	Up / Down	Low	CR-T--	up/down	21/6/2 S
24	Status indication	Battery Status	Low	CR-T--	boolean	

1.5 TP Line #5 RF RIGA FEREOU

1.5.0 Hager Electro TR131 Coupleur de média STR131
0009:403BD25E

1.5.1 Hager Electro TU404 4-channel remote control RF STU404

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
0	Push button 1	Status indication	Low	CRW---	1 bit	2/2/0 S
1	Push button 1	Slat angle / Stop	Low	CR-T--	1 bit	2/2/1 S
2	Push button 1	Up / Down	Low	CR-T--	1 bit	2/2/0 S
6	Push button 2	Status indication	Low	CRW---	1 bit	2/0/0 S
7	Push button 2	Slat angle / Stop	Low	CR-T--	1 bit	2/0/1 S
8	Push button 2	Up / Down	Low	CR-T--	1 bit	2/0/0 S
12	Push button 3	Status indication	Low	CRW---	1 bit	2/1/0 S
13	Push button 3	Slat angle / Stop	Low	CR-T--	1 bit	2/1/1 S
14	Push button 3	Up / Down	Low	CR-T--	1 bit	2/1/0 S
18	Push button 4	Status indication	Low	CRW---	1 bit	2/5/4 S
19	Push button 4	Slat angle / Stop	Low	CR-T--	1 bit	2/5/5 S
20	Push button 4	Up / Down	Low	CR-T--	1 bit	2/5/4 S
24	Status indication	Battery Status	Low	CR-T--	1 bit	

1.5.2 Hager Electro TU404 4-channel remote control RF STU404

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
0	Push button 1	Status indication	Low	CRW---	1 bit	2/2/0 S

Topology BOUDROS

Address Description Serial Number Comments Installation Notes	Manufacturer	Order Number	Product	Application	Status
	Room			Trade	

1.5 TP Line #5 RF RIGA FEREOU

1.5.2 Hager Electro TU404 4-channel remote control RF STU404

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
1	Push button 1	Slat angle / Stop	Low	CR-T--	1 bit	2/2/1 S
2	Push button 1	Up / Down	Low	CR-T--	1 bit	2/2/0 S
6	Push button 2	Status indication	Low	CRW---	1 bit	2/0/0 S
7	Push button 2	Slat angle / Stop	Low	CR-T--	1 bit	2/0/1 S
8	Push button 2	Up / Down	Low	CR-T--	1 bit	2/0/0 S
12	Push button 3	Status indication	Low	CRW---	1 bit	2/1/0 S
13	Push button 3	Slat angle / Stop	Low	CR-T--	1 bit	2/1/1 S
14	Push button 3	Up / Down	Low	CR-T--	1 bit	2/1/0 S
18	Push button 4	Status indication	Low	CRW---	1 bit	2/5/4 S
19	Push button 4	Slat angle / Stop	Low	CR-T--	1 bit	2/5/5 S
20	Push button 4	Up / Down	Low	CR-T--	1 bit	2/5/4 S
24	Status indication	Battery Status	Low	CR-T--	1 bit	

1.5.4 Hager Electro TU404 4-channel remote control RF STU404

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
0	Push button 1	Status indication	Low	CRW---	1 bit	2/2/0 S
1	Push button 1	Slat angle / Stop	Low	CR-T--	1 bit	2/2/1 S
2	Push button 1	Up / Down	Low	CR-T--	1 bit	2/2/0 S
6	Push button 2	Status indication	Low	CRW---	1 bit	2/0/0 S
7	Push button 2	Slat angle / Stop	Low	CR-T--	1 bit	2/0/1 S
8	Push button 2	Up / Down	Low	CR-T--	1 bit	2/0/0 S
12	Push button 3	Status indication	Low	CRW---	1 bit	2/1/0 S
13	Push button 3	Slat angle / Stop	Low	CR-T--	1 bit	2/1/1 S
14	Push button 3	Up / Down	Low	CR-T--	1 bit	2/1/0 S
18	Push button 4	Status indication	Low	CRW---	1 bit	2/5/4 S
19	Push button 4	Slat angle / Stop	Low	CR-T--	1 bit	2/5/5 S
20	Push button 4	Up / Down	Low	CR-T--	1 bit	2/5/4 S
24	Status indication	Battery Status	Low	CR-T--	1 bit	

1.5.5 Hager Electro TU404 4-channel remote control RF STU404

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
0	Push button 1	Status indication	Low	CRW---	1 bit	2/2/0 S
1	Push button 1	Slat angle / Stop	Low	CR-T--	1 bit	2/2/1 S
2	Push button 1	Up / Down	Low	CR-T--	1 bit	2/2/0 S
6	Push button 2	Status indication	Low	CRW---	1 bit	2/0/0 S
7	Push button 2	Slat angle / Stop	Low	CR-T--	1 bit	2/0/1 S
8	Push button 2	Up / Down	Low	CR-T--	1 bit	2/0/0 S
12	Push button 3	Status indication	Low	CRW---	1 bit	2/1/0 S
13	Push button 3	Slat angle / Stop	Low	CR-T--	1 bit	2/1/1 S
14	Push button 3	Up / Down	Low	CR-T--	1 bit	2/1/0 S
18	Push button 4	Status indication	Low	CRW---	1 bit	2/5/4 S
19	Push button 4	Slat angle / Stop	Low	CR-T--	1 bit	2/5/5 S
20	Push button 4	Up / Down	Low	CR-T--	1 bit	2/5/4 S
24	Status indication	Battery Status	Low	CR-T--	1 bit	

1.6 TP Line #6 RF AGIOU GERASIMOU

Topology BOUDROS

Address	Manufacturer	Order Number	Product	Application	Status
Description					
Serial Number		Room		Trade	
Comments					
Installation Notes					

1.6 TP Line #6 RF AGIOU GERASIMOU

1.6.0 Hager Electro TR131 Coupleur de média STR131
0009:403BD25B

1.6.1 Hager Electro TRM702A 2-fold input, battery, embedded STRM702A

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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Input 1

1	Input 1	ON/OFF	Low	CR-T--	switch	15/3/0 S
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Input 2

Battery status

20	Status indication	Battery status	Low	CR-T--	state	15/3/1 S
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1.6.2 Hager Electro TU402 2-channel remote control RF STU402

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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0	Push button 1	Status indication	Low	CRW---	1 bit	2/4/0 S
1	Push button 1	Slat angle / Stop	Low	CR-T--	1 bit	2/4/1 S
2	Push button 1	Up / Down	Low	CR-T--	1 bit	2/4/0 S
6	Push button 2	Status indication	Low	CRW---	1 bit	2/3/0 S
7	Push button 2	Slat angle / Stop	Low	CR-T--	1 bit	2/3/1 S
8	Push button 2	Up / Down	Low	CR-T--	1 bit	2/3/0 S
12	Status indication	Battery Status	Low	CR-T--	1 bit	

1.6.3 Hager Electro TU402 2-channel remote control RF STU402

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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0	Push button 1	Status indication	Low	CRW---	1 bit	2/4/0 S
1	Push button 1	Slat angle / Stop	Low	CR-T--	1 bit	2/4/1 S
2	Push button 1	Up / Down	Low	CR-T--	1 bit	2/4/0 S
6	Push button 2	Status indication	Low	CRW---	1 bit	2/3/0 S
7	Push button 2	Slat angle / Stop	Low	CR-T--	1 bit	2/3/1 S
8	Push button 2	Up / Down	Low	CR-T--	1 bit	2/3/0 S
12	Status indication	Battery Status	Low	CR-T--	1 bit	

1.6.4 Hager Electro TRM693G 1-fold switch actuator 3A 230V AC + 2 inputs, embedded STRM693G

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
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Output ON/OFF

0	Output	ON/OFF	Low	CRW---	switch	5/0/23 S
1	Output	Status indication ON/OFF	Low	CR-T--	switch	5/1/23 S
2	Output	Timer	Low	CRW---	start/stop	5/0/24 S

Input 1

10	Input 1	Status indication ON/OFF	Low	CRW---	switch	5/1/23 S
11	Input 1	ON/OFF	Low	CR-T--	switch	5/0/23 S

Input 2

20	Input 2	Status indication ON/OFF	Low	CRW---	switch	5/1/23 S
21	Input 2	ON/OFF	Low	CR-T--	switch	5/0/23 S

Information

Topology BOUDROS

Address	Manufacturer	Order Number	Product	Application	Status
Description		Room	Trade		
Serial Number					
Comments					
Installation Notes					

1.7 TP Line #7 RFBACKYARD

1.7.0 Hager Electro TR131 Coupleur de média STR131
0009:403BF4B1

1.7.2 Hager Electro TU402 2-channel remote control RF STU402

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
1	Push button 1	Slat angle / Stop	Low	CR-T--	1 bit	2/7/1 S
2	Push button 1	Up / Down	Low	CR-T--	1 bit	2/7/0 S
7	Push button 2	Slat angle / Stop	Low	CR-T--	1 bit	2/7/1 S
8	Push button 2	Up / Down	Low	CR-T--	1 bit	2/7/0 S
12	Status indication	Battery Status	Low	CR-T--	1 bit	

1.7.3 Hager Electro TU402 2-channel remote control RF STU402

#	Name Description	Object Function	Priority	Flags	Data Type	Group Addresses
1	Push button 1	Slat angle / Stop	Low	CR-T--	1 bit	2/7/1 S
2	Push button 1	Up / Down	Low	CR-T--	1 bit	2/7/0 S
7	Push button 2	Slat angle / Stop	Low	CR-T--	1 bit	2/7/1 S
8	Push button 2	Up / Down	Low	CR-T--	1 bit	2/7/0 S
12	Status indication	Battery Status	Low	CR-T--	1 bit	