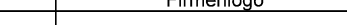


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Erreichbarkeit: Mo-Fr: 8:00-15:00 Uhr

Änderungen		Gezeichnet		Geprüft		
Name	Datum	Name	Datum	Name	Datum	
		M.Ku	02.11.2022	R.Kn	02.12.2021	
		Norm:		Norm:		

Bezeichnung		Blatt
Wandanschlußkasten DALI		1
connection plan extern DALI-BUS		
Zeichnungs-Nr.	Rev.	von
402110280-002-26-VDP	2.0	1

Coding of the dip switches:

Switch 1 off = Light dimming via button (external or keyboard)

Switch 1 on = Light automatic

Switch 2 off = Control of relay K4 via button (external or keyboard)

Switch 2 on = Control of relay K4 via automatic light

Switch 3 off = Relay K4 as a switch (for switching external devices)

Switch 3 on = Relay K4 as a button (for switching external devices)

Switch 4 off = Switch command for automatic lighting (plug AUX 2 on the circuit board must be on terminal 42/43)

Switch 4 on = Tip command for automatic lighting (plug AUX 2 on the circuit board must be on terminal 40/41)

Switch 5 off = Relay K5 as a switch with button "1" on the control panel (for switching external devices)

Switch 5 on = Relay K5 as a button with button "1" on the control panel (for switching external devices)

Switch 6 on = Light automatic potentiometer

Switch 6 on = Light automatic On/Off

Simplified functional description Variant selection wall distribution box V2.0 DALI

Seq. Nr.	Function	Functional description	Connection terminals	Connection device	DIL-Switch (Configuration)					
					DS1	DS2	DS3	DS4	DS5	DS6
1	Jalousie	Connection of a jalousie controller, open / closed	K2 → Contact 11 / 14 K3 → Contact 14	Jalousie controller	x	x	x	x	x	x
2	Operation with external button, relay	Relais K4 potential-free contact, switching operation , max. 250V~ / 8A	K4 → Contact 14 / 24	External assembly	x	OFF	OFF	x	x	x
3		Relais K4 Potential-free contact, tip operation , max. 250V~ / 8A					ON			
4	Operation with external button, dimmer	ON / OFF external DALI Lamps	X1 → L / N / PE X1 → DA+ / DA-	DALI power supply (lamps)	x	x	x	x	x	x
5	Operation with external button, dimmer	ON / OFF external DALI Lamps	X1 → L / N / PE X1 → DA+ / DA-	DALI power supply (lamps)	OFF	x	x	x	x	x
6	Light automatic Dimmer	Light automatic , switch to the set brightness values with a static signal	X1 → L / N / PE X1 → DA+ / DA-	DALI power supply (lamps)	ON	x	x	OFF	x	OFF
7		Light automatic , switch to the set brightness values with a pulse signal						ON		
8	Light automatic ON/OFF	Light automatic , turn on / off with a static signal	X1 → L / N / PE X1 → DA+ / DA-	DALI power supply (lamps)	ON	x	x	OFF	x	ON
9		Light automatic , turn on / off with a pulse signal						ON		
10	Light automatic Relais	Light automatic , switch the relay K4 with a static signal	K4 → Contact 14 / 24	External assembly	x	ON	OFF	x	x	x
11		Light automatic , switch the relay K4 with a pulse signal					ON			
12	Aux1 Relais	Switching of 230V~ using relay K5 with a static signal	K5 → Contact 14 / 24	External assembly 230V~ / 8A, (bipolar L/N)	x	x	x	x	OFF	x
13		Switching of 230V~ using relay K5 with a pulse signal							ON	
14	Aux2 Relais	Switching of 230V~ using relay K6 with a static signal	K6 → Contact 14 / 24	External assembly 230V~ / 8A, (bipolar L/N)	x	x	x	x	x	x

Legend DIL-Switch		Wagner & Guder Medical GmbH	Change		Name	
x	Position ANY		23.07.20	V1.2 Initialversion	created:	MKU 23.07.20
ON	Position ON	Hermstedter Straße 57	24.02.22	V2.0 Änderung DALI	checked:	RKN 28.09.22
OFF	Position OFF	D- 99518 Bad Sulza - Hermstedt	28.09.22	V2.0 neue Funktion Lichtautomatik An/Aus	change:	MKU 28.09.22
		Tel.: +49 3644/ 51 55 61				
		E-Mail: info@wagner-guder-medical.de				
		Erreichbarkeit: Mo-Fr: 08:00 - 15:00Uhr				



Detailed functional description Variant selection wall distribution box V2.0 DALI

Seq. Nr.	Inputs Names	Time signal input	Outputs Names	Function	Function Names	DIL-Switch (Configuration)					
						DS1	DS2	DS3	DS4	DS5	DS6
1	Jalousie open (XS6-2) Jalousie closed (XS6-3)		Relais K2 Jalousie open Relais K3 Jalousie closed	Jalousie open/closed	Jalousie open/closed	x	x	x	x	x	x
2	Dim (XS7-3/4)		Relais K4 DIM	Control of external systems	Switch – 1 (Potential-free contact)	x	OFF	OFF	x	x	x
3	Dim-Button extern (K1)	Actuation shorter than 1 second			Toggle – 1 (Potential-free contact)			ON			
4	Dim (XS7-3/4) Dim-Button extern (K1)	Actuation shorter than 1 second	DALI Assembly	Lamp – ON/OFF	Dim assemblies – ON/OFF	x	x	x	x	x	x
5	Dim (XS7-3/4) Dim-Button extern (K1)	Actuation longer than 1 second	DALI Assembly	Lamp – ON/OFF	Dim assemblies – Brightness control	OFF	x	x	x	x	x
6	Light automatic (XS7-1/2) X7		DALI Assembly	Light scene with potentiometer	Light automatic – Brightness switching static Operating mode is recommended for automatic operation.	ON	x	x	OFF	x	OFF
7		Toggle pulse			Light automatic – Brightness switching pulse Note: Operating mode is not in automatic mode recommended (synchronization problem).				ON		
8	Light automatic (XS7-1/2) X7		DALI Assembly	Lamp – ON/OFF automatic operation	Light automatic – ON/OFF static Operating mode is recommended for automatic operation.	ON	x	x	OFF	x	ON
9		Toggle pulse			Light automatic – ON/OFF pulse Note: Operating mode is not in automatic mode recommended (synchronization problem).				ON		
10	Light automatic (XS7-1/2) X7		Relais K4 DIM	Control of external systems	Switch – 2 (Potential-free contac) Operating mode is recommended for automatic operation.	x	ON	OFF	x	x	x
11		Toggle pulse			Toggle – 2 (Potential-free contac)			ON			
12	Aux1 (XS8-1/2)		Relais K5 Aux1	Control of external systems	Switch – 3 (bipolar 230V~ N /L)	x	x	x	x	OFF	x
13		Toggle pulse			Toggle – 3 (bipolar 230V~ N /L)					ON	
14	Aux2 (XS8-3/4)		Relais K6 Aux2	Control of external systems	Switch – 4 (bipolar 230V~ N /L)	x	x	x	x	x	x

Legend DIL-Switch		Wagner & Guder Medical GmbH		Change		Name	
x	Position ANY	Hermstedter Straße 57		04.06.20	V1.0 Initialversion	created:	MKU 04.06.20
ON	Position ON	D- 99518 Bad Sulza - Hermstedt		01.07.20	V1.1 Lichtautom. → XS7_1/2, Aux2 → XS8_3/4 Fkt.8/9 → Relais K4, Fkt.12 Aux2 → Relais K6	checked:	RKN 28.09.22
OFF	Position OFF	Tel.: +49 3644/ 51 55 61		23.07.20	V1.2 Änderung Version	change:	MKU 28.09.22
		E-Mail: info@wagner-guder-medical.de		24.02.22	V2.0 Änderung DALI		
		Erreichbarkeit: Mo-Fr: 08:00 - 15:00Uhr		28.09.22	V2.0 neue Funktion Lichtautomatik An/Aus		

