

INPUT				OUTPUT			NOTES
NAME	Nb			NAME	Nb		
SW1 4-GANT Jung : L55194KRMTSD	1	BLINDS UP / DOWN	Status Led: ON when button pressed	KNX controler LEGRAND 002672	A1	L5	
	2	L4 ON / OFF	Status Led: L4 Blue OFF Green ON		A2	L4	
	3	L2 ON-OFF and DIM +/-	Status Led: L2 ON/OFF Green ON/OFF		B1		
	4	L2 SHORT Press-> 40% / LONG Press OFF	Status Led: L2 ON/OFF Green ON/OFF		B2		
	5	L1D ON / DIM UP	Status Led: L1D ON = Green ON		C1		
	6	L1D OFF / DIM DOWN	Status Led: L1D OFF = Green ON		C2		
	7	L1D SHORT Press-> 10% / LONG Press OFF			D1		
	8	Scenario 1 BLINDS DOWN + L1 10% + L2 40% All SO OFF after 10s L3 40%			D2		
SW2 Push-Boutton interface Jung : 400021SE	1	L1D + L2 +L3 ON-OFF and DIM +/-		KNX UNIVERSAL DIMMER LEGRAND 002654	CH1	L2	Time to dim at 5s
	2				CH2	L3	Time to dim at 5s
SW6 1-pouch LEGRAND 078489	1	L4 ON / OFF	Status Led: L4 Blue OFF Green ON	SWITCH ACTUATOR 4 CHANNEL GREEN CONTROLS GC045A004	A	SO1 if load consumes more than 1kW within 10s switch off	After bus KNX recovery go ON
					B	SO2	
					C		
					D	SO4	
MD1 MINI KNX SENSOR GC07PS001WH	1	When detecting switch on SO1 SO2 SO3 SO4 for 1 min					

INPUT				OUTPUT			NOTES
				DALI GW SIEMENS GAMMA INSTABUS 5WG1141-1AB03		L1D in groupe DALI 1	Time to dim at 5s if bus KNX down dim go to 100%
KNX HOSPITA DIN CONTROL 8 MOD LEGRAND 004818	1			KNX HOSPITA DIN CONTROL 8 MOD LEGRAND 0048018	A1		
	2				A2		
	3				B1		
	4				B2		
	5				C1		
	6				C2		
	7				C3		
	8				C4		
					E1	SO3	
					E2		
KNX CONTROLLER LEGRAND 002679	A	SW7 control ON / OFF L5		KNX CONTROLLER LEGRAND 002679	A1	UP blind C1 Red	time to travel 10s
	B	SW8 control ON / OFF L5			A2	Down blind C1 Green	time to travel 10s
	C				B1		
	D				B2		
	E				C1		
	F				C2		
	G				D1		
	H				D2		
	I				E1		
	J				E2		
	K				F1		
	L				F2		
	M				G1		
	N				G2		
	O				H1		
	P				H2		
	Q				I1		
	R				I2		
					J1		
					J2		

SW3 or SW4 or SW5 3 way switching		L6 ON/OFF	
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CABLE SIZES:

PS-A1	2,5 mm ²
A1-B1	2,5 mm ²
SOCKET OUTLETS	2,5 mm ²
MOTOR	1,5 mm ²
BLINDS	1,5 mm ²
LIGHTING CIRCUITS	1,5 mm ²
CONTROL CIRCUITS (IN BOARDS)	1,5 mm ²

SYSTEM DEVICE
Power supply KNX JUNG 20640REG
IP GW KNX TP SIEMENS 5WG1141-1AB03

COLOR CODES:

L1	BROWN
L2	BLACK
L3	GREY
N	BLUE
PE	GREEN/YELLOW
0V	BLUE/WHITE
+24V	VIOLET
KNX-	BLACK
KNX+	RED



Test Project for the 47th WorldSkills
Competition in Lyon, France 2024
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Skill: 18 Electrical Installations

SCM: Nick du Plessis

LAST UPDATE:
July 2024

SHEET SIZE:
A3