

Manuel de programmation de Dali



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🔃 ETS5™ - Dali							
ETS Edit Workplace Commissioning Diagnos	tics Apps Wind	low					
👩 Close Project 🖌 Undo 🐴 Redo 🚔	Reports	Vorkplace 🔻 📗 Catalogs 🛛 🔤 D	liagnostics				
Devices 🔹 1						∧ □	×
🕂 Add Devices 🔹 🗙 Delete 🔮 Download 🔹 🌘	🕽 Info 🔹 👩 Res	set 🖓 Unload 💌 🚔 Print				Search	ρ
E Devices 🔹	Number *	Name	Object Function	Description	Group Address	Data Type	
Dynamic Folders	■≵ 45	Output A	Brightness value			percentage (0100%)	^
1.1.1 DALI Gateway Basic 2Ch 2	■之 61	Output A - [1] Salle de reunion	Switch	S.Reunion On/Off	0/0/1	switch	
	■2 62	Output A - [1] Salle de reunion	Switch Status	S.Reunion On/Off FB	0/0/2	switch	
	■2 63	Output A - [1] Salle de reunion	Relative dimming	S.Reunion Relative	0/0/3	dimming control	
	■₹ 64	Output A - [1] Salle de reunion	Brightness value	S.Reunion Absolute	0/0/4	percentage (0100%)	
	■2 65	Output A - [1] Salle de reunion	Status brightness value	S.Reunion Absolute FB	0/0/5	percentage (0100%)	
	■之 79	Output A - [2] Bureau de president	Switch	B.President On/Off	0/0/6	switch	
	■2 80	Output A - [2] Bureau de president	Switch Status	B.President Absolute FB	0/0/7	switch	
	■ ‡ 81	Output A - [2] Bureau de president	Relative dimming	B.President Relative	0/0/8	dimming control	
	■2 82	Output A - [2] Bureau de president	Brightness value	B.President Absolute	0/0/9	percentage (0100%)	
	■2 83	Output A - [2] Bureau de president	Status brightness value	B.President Absolute FB	0/0/10	percentage (0100%)	
	■‡ 97	Output A - [3] Group	Switch			switch	
	■‡ 98	Output A - [3] Group	Switch Status			switch	
	■之 99	Output A - [3] Group	Relative dimming			dimming control	
	■之 100	Output A - [3] Group	Brightness value			percentage (0100%)	
	■‡ 101	Output A - [3] Group	Status brightness value			percentage (0100%)	
	■之 115	Output A - [4] Group	Switch			switch	
						50 A	, [•]
	Group Objects	Channels Parameters	3				

1-Cliquez sur « Worpalce » et sélectionnez Devices

2-Selectionnez Database de Dali puis cliquez sur « Parameters »

Devices 🔻				
🕂 Add Devices 🔹 🗙 Delete 👲 Download 🔹 🌘	🕽 Help 🥒 Highlight Changes Default	Parameters Grant Customer Access		
E Devices 🔹	1.1.1 DALI Gateway, Basic, 2Ch			
Dynamic Folders	,	vous choisissez si vous a	vez un dali d'un seul chanr	el ou un double channel
I.1.1 DALI Gateway, Basic, 2Ch	General	Device type select correctly before cor	nfiguration and DALI commissioning	
2	IP Configuration	Device type	SINGLE channel TWIN channel	
	+ Channel A	Delay time after voltage return	2	* *
		Enable manual operation	🔵 no 🔘 yes	
		Enable in operation	◎ no) yes	
		Limit number of KNX telegrams	◎ no) yes	
		Enable supply voltage fault	◎ no ◯ yes	



- 1-Cliquez sur «A Commissioning»
- 2-Puis sélectionnez «New Dali Addressing»
- 3- Puis «Search Dali Addressing (Permet de Trouver les Ballast) »
- 4-Après avoir trouvé les ballasts, cliquez sur «Read From Dali» et
- 5- Commencez à trouver et repérer chaque Ballast
- 5-Enfin Cliquez sur Write to Dali

Cliquez sur «A	A groupx/b	allast x temp	olate »
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Devices 🔻					
🕂 Add Devices 🔹 🗙 Delete 🛨 Do	wnload 🔹 🕜 He	elp 🤌 Highlight Changes Defaul	It Parameters Grant Customer Access		
1 Devices	* 1.1	1.1 DALI Gateway, Basic, 2Ch >	Channel A > A group x/ballast x ter	mplate	
Dynamic Folders					
1.1.1 DALI Gateway, Basic, 2Ch		Channel A	Parameter template for "Group x/ballast x" pages		
		A DALI Configuration	Switch on/off reaction		
		A Commissioning	Brightness value when switching on	100% (255)	•
		+ A Output	Dimming time from 0%100	2	^
		 A group x/ballast x template 	(0 = immediately)	2	* 2
		Dimming template (group	Switch off at turn off brightness	no yes	
		Fault template (group x/b	Feedback of switching state	🔵 no 🔘 yes	
			Send object value	 on request Change or request 	
			Pour avoir retour d'et	at de On/Off	
		Staircase template (group			
Devices 🔻					
🕂 Add Devices 🔻 🗙 Delete 🛨 Downloa	ad 🔻 🕕 Info 🕶 🚽	🕽 Reset 🧳 Unload 🔻 🚔 Print			
Devices	* Numbe	er * Name	Object Function	Description	Group A
Dynamic Folders	1	Output A	Brightness value		
1.1.1 DALI Gateway, Basic, 2Ch	■2 61	Output A - [1] Group	Switch		
	■2 62	Output A - [1] Group	Switch Status		
	■2 63	Output A - [1] Group	Relative dimming		
	■2 64	Output A - [1] Group	Brightness value		
	■‡ 79	Output A - [2] Group	Switch	2	
	■2 80	Output A - [2] Group	Switch Status	۲ -	
	■2 81	Output A - [2] Group	Relative dimming		
	■2 82	Output A - [2] Group	Brightness value		
	■≵ 97	Output A - [3] Group	Switch		
	■2 98	Output A - [3] Group	Switch Status		
	■≵ 99	Output A - [3] Group	Relative dimming		

Cliquez sur «Dimming Template»

Devices 🔻			
🕂 Add Devices 🔹 🗙 Delete 🔮 Download 🔹	🕐 Help 🥒 Highlight Changes Default I	Parameters Grant Customer Access	
Devices Dynamic Folders	1.1.1 DALI Gateway, Basic, 2Ch > 0	Channel A > A group x/ballast x templa	ate > Dimming template (group x/ballast x)
 Initial Policies Initial DALI Gateway, Basic, 2Ch 	A DALI Configuration A Commissioning	Dimming time for relative from 0%100 (0 = immediately)	5 *
	+ A Output	Allow ON via relative dim	🔿 no 🔘 yes
	 A group x/ballast x template 	Allow OFF via relative dim	◎ no ◯ yes
	1 Dimming template (gro Fault template (group x/b Function template (group	Brightness (absolute) dimming reaction Dimming time for brightness from 0%100 (0 = immediately)	2 * s
	Staircase template (group	Allov Pour avoir le retour d'etat	d'absolute
	Operating Hour template	Allow OFF via brightness value	no ves
	Colour Control template (Feedback of brightness value	🔵 no 🔘 yes
	+ A Groups	Send object value	O on request O change or request

Devices 🔻				
🕂 Add Devices 🔹 🗙 Delete 🔮 Download 🔹	🚺 Info 🔹 🛃 Re	set 🧳 Unload 🔻 🚔 Print		
Devices	Number *	Name	Object Function	Description
Dynamic Folders	■‡ 63	Output A - [1] Group	Relative dimming	
1.1.1 DALL Gateway Basic 2Ch	■₽2 64	Output A - [1] Group	Brightness value	
	■2 65	Output A - [1] Group	Status brightness value	
	■2 79	Output A - [2] Group	Switch	
	■2 80	Output A - [2] Group	Switch Status	
	■2 81	Output A - [2] Group	Relative dimming	
	■2 82	Output A - [2] Group	Brightness value	
	■2 83	Output A - [2] Group	Status brightness value	
	■2 97	Output A - [3] Group	Switch	
	■2 98	Output A - [3] Group	Switch Status	
	■2 99	Output A - [3] Group	Relative dimming	
	■≵ 100	Output A - [3] Group	Brightness value	
	■≵ 101	Output A - [3] Group	Status brightness value	

Pour activer les groupes et les renommer Cliquez sur par exemple «Group 1»

Devices 🔻								
🕂 Add Devices 👻 🗙 Delete 🛨 Downloa	ad 🛛 🔻 🕜 Help 🌛 Highlight Changes Defau	It Parameters Grant Customer A	ccess					
E Devices	* 111 DALL Gateway, Basic, 2Ch	> Channel A > A Groups > [1	1 Group					
Dynamic Folders	init biter outertaij, busie, z en		1 or or of p					
🖻 🖶 1.1.1 DALI Gateway, Basic, 2Ch	General	Name	Salle de reunion					
	IP Configuration	Parameter setting	apply from temp	ate individual				
	— Channel A							
	A DALI Configuration							
	A Commissioning							
	+ A Output							
	A group v/ballast v templata							
	+ A group X/ballast X template							
	- A Groups							
	+ [1] Salle de reunion							
	+ [2] Group							
	+ [3] Group	Devi						
	+ 141 Group	Devi				a 10		
	- [4] Group	- A	dd Devices 🔹 🗙 Delete 🛨 D	ownload 🔻 🚺	Info 🔹 灯 Re	set 🦩 Unload 💌 🚔 Print		
		ĒD	evices	*	Number *	Name	Object Function	Des
		⊳ 🛅	Dynamic Folders		Z 2	General	Disable manual operation/Status	
			1.1.1 DALI Gateway, Basic, 2Ch		₽ 40	Output A	New DALI addressing	
					₹ 41	Output A	Seach DALI addresses	
					₹42	Output A	Switch	
					≵ 43	Output A	Status switch	
					₹ 44	Output A	Relative dimming	
					₹45	Output A	Brightness value	
					≵ 61	Output A - [1] Salle de reunion	Switch	
					₹62	Output A - [1] Salle de reunion	Switch Status	
					≵ 63	Output A - [1] Salle de reunion	Relative dimming	
					₹64	Output A - [1] Salle de reunion	Brightness value	
					₹65	Output A - [1] Salle de reunion	Status brightness value	
							-	

Un autre Groupe

Devices							
🕂 Add Devices 🔹 🗙 Delete 🛨 Downloa	ad 🛛 🔻 🕜 Help 🥒 Highlight Changes Defaul	t Parameters Grant Customer	Access				
1 Devices	111 DALL Gateway Basic 2Ch >		[2] Bureau de president				
📁 🛅 Dynamic Folders	I.I.I DALI Gateway, Dasic, 2017	channel A > A dioups >	[2] Dureau de president				
🔳 1.1.1 DALI Gateway, Basic, 2Ch	General	Name	Bureau de president				
	IP Configuration	Parameter setting	apply from template	e 🔵 individual			
	- Channel A						
	A DALI Configuration						
	A Commissioning						
	+ A Output						
	+ A group x/ballast x template						
	= A Groups						
	Il Salle de reunion						
	+ [2] Bureau de president	Dev	iices 🔻				
	+ [2] Bureau de president) Dev + /	rices ▼ Add Devices ▼ 🗙 Delete 🛨 Dow	inload 🔹 🚺 Info 👻 👥 R	eset 🖧 Unload 🔻 🚔 Print		
	+ [2] Bureau de president) Dev + /	r ices ▼ Add Devices ▼ X Delete ★ Dow Devices	rnload • 🚺 Info • 🛃 R • Number •	eset 🖗 Unload 🔻 🚔 Print	Object Function	
	+ [2] Bureau de president) Dev + / □ t	rices ▼ Add Devices ▼ 🗶 Delete	nload ▼ () Info ▼ 幻 R ▼ Number ▲ ■‡ 45	eset 🖧 Unload 🔻 🚔 Print Name Output A	Object Function Brightness value	
	+ [2] Bureau de president		rices ▼ Add Devices ▼ X Delete	vnload ▼ 1 Info ▼ 2 R ▼ Number ^ ■2 45 ■2 61	eset 47 Unload 🔹 🚔 Print Name Output A Output A - [1] Salle de reunion	Object Function Brightness value Switch	
	+ [2] Bureau de president	Dev + / □ (▷ •	rices ▼ Add Devices ▼ X Delete ★ Dow Devices Dynamic Folders] 1.1.1 DALI Gateway, Basic, 2Ch	nload ▼ 1 Info ▼ 2 R ▼ Number ▲ ■2 45 ■2 61 ■2 62	eset 4 Unload • A Print Name Output A Output A - [1] Salle de reunion Output A - [1] Salle de reunion	Object Function Brightness value Switch Switch Status	
	+ [2] Bureau de president) Dev + / □ t ▷ •	rices ▼ Add Devices ▼ X Delete ★ Dow Devices Dynamic Folders] 1.1.1 DALI Gateway, Basic, 2Ch	nload ▼ 1 Info ▼ 2 R ▼ Number ▲ ■245 ■261 ■262 ■263	eset & Unload * A Print Name Output A Output A - [1] Salle de reunion Output A - [1] Salle de reunion Output A - [1] Salle de reunion	Object Function Brightness value Switch Switch Status Relative dimming	
	+ [2] Bureau de president) Dev + / ▷ [▷ [□	rices Add Devices Covices Devices Dynamic Folders 1.1.1 DALI Gateway, Basic, 2Ch	nload ▼ 1 Info ▼ 2 R ▼ Number ▲ ■2 45 ■2 61 ■2 63 ■2 64	eset & Unload Print Name Output A Output A - [1] Salle de reunion	Object Function Brightness value Switch Switch Status Relative dimming Brightness value	
	+ [2] Bureau de president	Dev + 2 ▷ 1 □ 1 □ 1 □	rices ▼ Add Devices ▼ 🗶 Delete 붗 Dow Devices ■ Dynamic Folders ■ 1.1.1 DALI Gateway, Basic, 2Ch	nload ▼ 1 Info ▼ 2 R ▼ Number ▲ ■ 2 45 ■ 2 61 ■ 2 62 ■ 2 63 ■ 2 64 ■ 2 65	eset Vunload V Print Name Output A Output A - [1] Salle de reunion	Object Function Brightness value Switch Switch Status Relative dimming Brightness value Status brightness value	
	+ [2] Bureau de president		rices ▼ Add Devices ▼ 🗶 Delete ★ Dow Devices ■ Dynamic Folders ■ 1.1.1 DALI Gateway, Basic, 2Ch	nload ▼ 1 Info ▼ 2 R ▼ Number ▲ 145 145 145 145 146 146 146 163 146 163 164 165 179	eset Vame Output A Output A - [1] Salle de reunion Output A - [2] Bureau de president	Object Function Brightness value Switch Switch Status Relative dimming Brightness value Status brightness value Status brightness value Switch	
	+ [2] Bureau de president		rices ▼ Add Devices ▼ 🗶 Delete ★ Dow Devices ■ Dynamic Folders ■ 1.1.1 DALI Gateway, Basic, 2Ch	vnload ▼ 1 Info ▼ 2 R ▼ Number ▲ ■ 2 45 ■ 2 63 ■ 2 63 ■ 2 63 ■ 2 64 ■ 2 65 ■ 2 79 ■ 2 80	eset Vame Output A Output A - [1] Salle de reunion Output A - [2] Bureau de president Output A - [2] Bureau de president	Object Function Brightness value Switch Switch Status Relative dimming Brightness value Status brightness value Status brightness value Switch Switch	
	+ [2] Bureau de president		rices ▼ Add Devices ▼ 🗶 Delete ★ Dow Devices ■ Dynamic Folders ■ 1.1.1 DALI Gateway, Basic, 2Ch	vnload ▼ 1 Info ▼ 2 R ▼ Number ▲ ■ 2 45 ■ 2 63 ■ 2 63 ■ 2 64 ■ 2 65 ■ 2 65 ■ 2 79 ■ 2 80 ■ 2 81	eset & Unload Print Name Output A Output A - [1] Salle de reunion Output A - [2] Bureau de president	Object Function Brightness value Switch Switch Status Relative dimming Brightness value Status brightness value Switch Swith Swith <	
	+ [2] Bureau de president		rices ▼ Add Devices ▼ 🗶 Delete ★ Dow Devices ■ Dynamic Folders ■ 1.1.1 DALI Gateway, Basic, 2Ch	vnload ▼ 1 Info ▼ 2 R	eset & Unload V Print Name Output A Output A - [1] Salle de reunion Output A - [2] Bureau de president Output A - [2] Bureau de president	Object Function Brightness value Switch Switch Status Relative dimming Brightness value Status brightness value Switch Swith Swith <	

Voila les addresses qu'on va utiliser

Group Addresses 🔻									
🕂 Add Group Addresses 🔹 🗙 Delete ± Downlo		• 🚺 Info	🝷 🛃 Reset 🛛 🖗 Unload 🝷 🚔 Print						
📰 Group Addresses 🔻		Address *	Name	Description	Centra	Pass T	Data Type	Length	No.
Dynamic Folders	器	0/0/1	S.Reunion On/Off		No	No			0
▲ 🎛 0 Societe X	器	0/0/2	S.Reunion On/Off FB		No	No			0
▶ 盟 0/0 Dimmer	器(0/0/3	S.Reunion Relative		No	No			0
	器	0/0/4	S.Reunion Absolute		No	No			0
	器(0/0/5	S.Reunion Absolute FB		No	No			0
	器(0/0/6	B.President On/Off		No	No			0
	器(0/0/7	B.President Absolute FB		No	No		$\sum_{i=1}^{n}$	0
	盟	0/0/8	B.President Relative		No	No		-	0
	器(0/0/9	B.President Absolute		No	No			0
	器(0/0/10	B.President Absolute FB		No	No			0

Glissez les adresses dans «Group Objects »

Devices 🔻						
🕂 Add Devices 🛛 🛪 🗙 Delete 🛛 🛨 Download 🗎	🔹 🕕 Info 🔹 💋 Re	set 🧳 Unload 💌 🚔 Print				
E Devices	▼ Number *	Name	Object Function		Description	Group Add
Dynamic Folders	■≵ 42	Output A	Switch			
1.1.1 DALI Gateway, Basic, 2Ch	■‡ 43	Output A	Status switch			
• • • • • • • • • • • • • • • • • • • •	■2 44	Output A	Relative dimming			
	■≵ 45	Output A	Brightness value			
	■‡ 61	Output A - [1] Salle de reunion	Switch		S.Reunion On/Off	0/0/1
	■‡ 62	Output A - [1] Salle de reunion	Switch Statur		S.Reunion On/Off FB	0/0/2
	■‡ 63	Output A - [1] Salle de reunion	Relative		S.Reunion Relative	0/0/3
	■≵ 64	Output A - [1] Salle de reunion	Brightness alue		S.Reunion Absolute	0/0/4
	■2 65	Output A - [1] Salle de reunion	Status brig <mark>i t</mark> ness value		S.Reunion Absolute FB	0/0/5
	■2 79	Output A - [2] Bureau de president	Switch	_	B.President On/Off	0/0/6
	■2 80	Output A - [2] Bureau de president	Switch Status	₽	B.President Absolute FB	0/0/7
	■‡ 81	Output A - [2] Bureau de president	Relative dimming		B.President Relative	0/0/8
	■2 82	Output A - [2] Bureau de president	Brightness value		B.President Absolute	0/0/9
	■2 83	Output A - [2] Bureau de president	Status brightness value		B.President Absolute FB	0/0/10

Enfin envoyer le programme à l'appareil



Un appareil pour envoyer le programme est requis (comme KNX USB interface)



Voici le button de programmation d'actionneur et d'iSwitch

