

General

Product Type	Controller
Length (mm)	178
Width (mm)	14
Height (mm)	49
Housing Color	White
Housing Material	Plastic
Weight (g)	34

Electronics

Input Domain	DC
Input Voltage	15 V DC
Output Current Max. (A)	0.008

Control

Output Signal	DALI-1
Control	DALI

Environmental

Operating Temperature	-30 ~ +55 °C	
Operating remperature	-00 ** +00 0	

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Disclaimer

Due to the technical evolution and improvement of our products, the data provided in this document may be updated on a regular basis, and as such, confirmation of this information is strongly recommended prior to the order process. OneEightyOne is not responsible for any discrepancies in this document following changes in our products. We reserve the right to make technical changes to our products and to change information, at its sole discretion, without notice.



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LT-424

DALI Push Switch



• 6 in 1 function: single address single switch, single address double switch, single group single switch, single group double switch, scene switch, broadcast switch.

- · PC plastic shell, small size, easy installation.
- . No external power supply, simply connected to the DALI bus.
- · Low voltage operation, safe and reliable.
- · Ordinary reset switch can achieve DALI intelligent control.
- · Applicable to home, office, hotel, supermarket etc.







Main Characteristics

· Interface Protocol: DALI (IEC62386)

· Power Supply: DALI Bus · Current: ≤8mA (static) Working Temp.: -30℃~55℃

 Mode Single address single switch

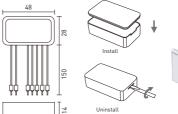
Single address double switch Single group single switch Single group double switch Scene switch

Broadcast switch

· Dimensions: L48×W28×H14(mm) · Package Size: L50×W40×H30(mm)

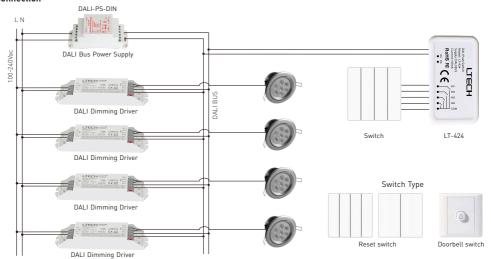
· Weight(G.W.): 32g

Dimensions Unit: mm





Connection



Installation

- 1. Disconnect the power supply of all devices on the DALI bus before installing.
- 2. Connect according to the above wiring diagram. DALI bus does not distinguish plus-minus polarity. Meanwhile connected to the reset switch.
- 3. Open the shell, set up the address.

Note: This product is only suitable for the reset switch. It can be Key 1, Key 2, Key 3 or Key 4.

Troubleshooting

If the switch failure occurs after pressing, please check:

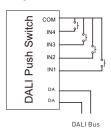
1. If the connection is correct; 2. Make sure to use the reset switch;

3. Check if the DALI power output is stable.

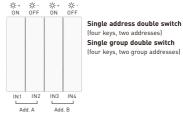




Diagram







Add. A Add. B

First address is for key 1 and 2, next address is for key 3 and 4.

Short press IN1/3 is on, short press IN2/4 is off.

Long press IN2/4 to decrease brightness,
long press IN2/4 to decrease brightness.

First address is for key 1, next address is for key 2......
Short press IN1/2/3/4 is on, press again is off.
Long press IN1/2/3/4 to increase brightness,
long press again to decrease brightness, as so on.
Note: no long press function for scene switch.

Add. A Add. B Add. C Add. D

Setting Method



DIP Switch	1	2	3	4	5	6	7	8
Function	01	02	04	0.8	16	32	ON1	Ŧ
Unicast (4 Add.)		64 Address: 0-63						Ŧ
Unicast (2 Add.)	047	04 Address: 0-03					Ŧ	4
Group(4 Add.)	100			10	Π.	4	4	Ŧ
Group(2 Add.)	100	16 Groups: 0-15			Ŧ	4	Ŧ	
Scene (4 scenes)	165	Scene	s: 0-	15	7	4	Ŧ	Ŧ
Broadcast	/			Ŧ	Ŧ	₹		

Address value = the total value of (1-6), to get the place value when in "on" position, otherwise will be 0.

Unistall the lid and find the Dip Switch. Set address following the methods on the lid.

No.	Mode	Setting Method						
1	Single address single switch 4 keys control 4 addresses Address mode: 0-63	SASPA SASP						
2	Single address double switch 4 keys control 2 addresses Address mode: 0-63	Address 24 Address 25 Address 26 Address 27 Address 28 Address 29 Address 30 Address 31 Address 32 Address 33 Address 35 Address 36 Address 37 Address 38 Address 38 Address 37 Address 38 Address 38 Address 37 Address 38						
3	Single group single switch 4 keys control 4 group addresses Group mode: 0-15 Single group double switch							
4	4 keys control 2 group addresses 12345878 Group mode: 0-15	Group 8 Group 9 Group 10 Group 11 Group 12 Group 13 Group 14 Group 15						
5	Scene switch 4 keys control 4 scenes Scene mode: 0-15	1						
6	Broadcast switch Any key can control ON/OFF and dimming of all addresses.	_						