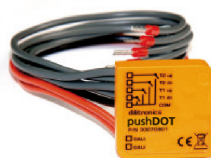


# pushDOT

- DALI switch interface
- Controlling of DALI single addresses, DALI groups or DALI broadcast commands
- inputs (e.g. 2 rocker switches) for dimming and switching
- Multi-controller capability



## Operating Instruction

### 01. Installation och säkerhet

- ⚠ Pushto is designed for standard momentary push-buttons and installed in appliance box.
- ⚠ pushDOT gets its power from a DALI bus and requires no separate power supply.

### 02. General information

pushDOT send on / off and dimming commands via a DALI bus.  
pushDOT can control one or more addresses, or all connected DALI devices (in broadcast mode).

CE pushDOT module is CE marked.

### 03. Mounting

Place the pushDOT in the installation socket of the switch or push button. Make sure that no wires are bent and the screws do not damage any wires.

### 04. Connection

Connect the side of the rocker switch that shall be used to turn on and dim up the lamp to the cable marked by „T1 up“. Connect the side of the rocker switch that shall be used to turn off and dim down the lamp to the cable marked by „T1 down“. Repeat this procedure (optionally) with the second rocker switch at the connectors „T2 up“ and „T2 down“. If you do not use rocker switches, you can also connect separate switches as described above. Connect the two orange connection cables of the pushDOT module with the DALI bus. The polarity of the DALI bus is not important for this.

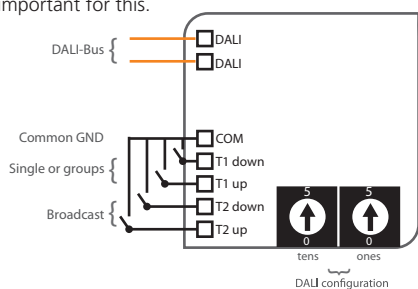


Fig. 1

### 05. Configuration

To configure the command addressing of the rocker switch 1, use the two rotary switches of the pushDOT module. The rocker switch used at the connectors T2 principally sends DALI broadcast commands. Two rotary switches are used for setting the DALI address. If the switch position "0" of the rotary switches is at the bottom, as shown in Fig. 1, the left rotary switch indicates the decimal place of the DALI address and the right rotary switch indicates the unit place of the DALI address.  
Switch position 0 to 63: Via these numbers, one of the 64 single DALI addresses (maximum number of addresses according to DALI convention) can be accessed by the rocker switch 1. Switch position 64 to 79: Via these numbers, one of the 16 addressable groups can be accessed by the rocker switch 1. Switch position 80 to 89: Via these numbers the rocker switch 1 is defined for sending analogously to the rocker switch 2.

Address selection	Tens switch position	Units switch position	T1 sends commands to
0	0	0	A0 (device)
1	0	1	A1 (device)
...	...	...	...
63	6	3	A63 (device)
64	6	4	G0 (group)
65	6	5	G1 (group)
...	...	...	...
79	7	9	G15 (group)
80	8	0	Broadcast
...	...	...	...
90	9	0	collision check mode **
...	...	...	collision check mode **
99	9	9	collision check mode **

- ⚠ \*\*In normal operation, the selection of the combinations 90...99 must be absolutely avoided, because otherwise the DALI bus is completely occupied by test messages and another communication is hardly!  
Note: If the rotary switch setting is changed for the address configuration while one key is being held pressed, the change of the address will only become valid after pressing the key again.

### 06. Operation On/off/dimming function

The lamps are turned on and off by pressing the push button briefly. If the lamps are turned on, they have the maximum brightness level. If the push button is pressed longer, the brightness will be dimmed up or down. When dimming up, the light will be turned on if it was turned off before.

	Press the button briefly	Press the button longer
T1 down	Off DALI command OFF	↓ Dim DALI command DOWN
T2 down	Off DALI command OFF	↓ Dim DALI command DOWN
T1 up	On (lamps have maximum brightness level) DALI command RECALL_MAX_LEVEL	↑ Dim DALI command UP respectively DALI command ON_AND_STEP_UP if DALI command OFF was sent before
T2 up	On (lamps have maximum brightness level) DALI command RECALL_MAX_LEVEL	↑ Dim DALI command UP respectively DALI command ON_AND_STEP_UP if DALI command OFF was sent before

### 07. Disposal of electrical waste

- ♻ Your product is designed and manufactured with high quality materials and components, which can be recycled and reused. When you see the crossed-out wheeled bin symbol attached to a product, it means the product is covered by the European Directive 2002/96/EC: Never dispose of your product with other household waste. Please inform yourself about the local rules on the separate collection of electrical and electronic products. The correct disposal of your old product helps prevent potentially negative consequences for the environment and human health.

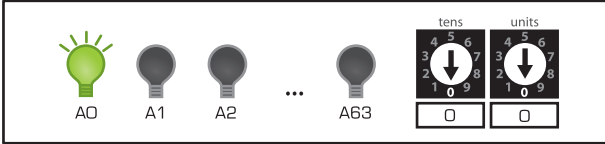
# pushDOT Quickstart

• Configuration T1 input for ...

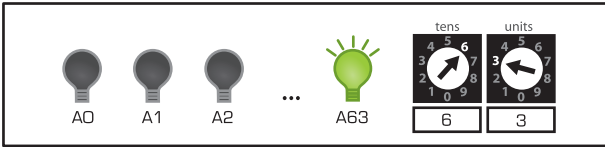
• Broadcast



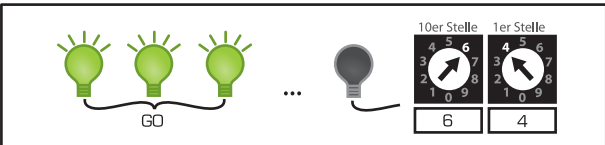
• Addressing of one luminaire



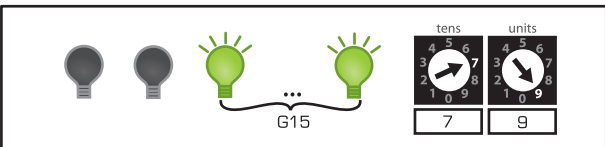
DALI enskild address  
0..63



• Addressing of a group of luminaires



DALI Group Address  
0..15



• Function On / Off / Dimming

