

Last information update: June 2024



**Product code**

PY64: 4-button interface for DALI BUS programmable via NFC

**Technical description**

4-button interface for Quick DALI and Quick BLE systems. Functions in parallel on the DALI or DALI-2 line.

Allows 4 buttons that are single pole (SPST) and normally open (N.A.) to be connected.

By default, the commands are sent to all the luminaires connected to the line (broadcast) with ON/OFF functions, dimming and colour temperature variations (with TW DT8).

Powered by the DALI line.

Pre-programmed functions that can be edited from the app via NFC or from the DALI via SW:

KEY\_\_PRESS. SHORT\_\_PRESS. EXTENDED

...T1.....on(max) / off.....dim up / dim down

...T2.....on(max).....dim up

...T3.....off.....dim down

...T4.....- .....Tc cooler/warmer

All the luminaires connected will perform the same commands (broadcast). This pre-setting allows the buttons interface to be used in configurations with 1 key only (T1) or in configurations with 3 or 4 keys.

The interface is pre-programmed as the "application controller - multimaster". To operate in "instances" mode, in the same way for programming the individual buttons (T1...T4) for scenes, single and groups of luminaires, the NFC can be used with the "DALI NFC" programming app available for Android devices on Google Play: [DALI NFC](#)

Technical specifications:

Max absorbed current: 3.6 mA (2 DALI loads)

DALI addresses: none

DALI-2 addresses: 1 address

Operating ambient temperature -20 ... +75 °C

**Installation**

The component must be installed in the electrical box that houses the buttons.

**Colour**

Indeterminate (00)

**Wiring**

Push terminals for cavi between 0.5 and 1.5 mm²

The buttons are connected to the device via 5 cables (1 common cable and 4 separate cables, from T1 to T4).

Maximum distance of buttons from device: 50 cm.

The bus cables can be connected to any point of the DALI line.

**Notes**

The commands sent by the PY64 used on the BLE-DALI interfaces, ONLY act on the BLE-DALI interface the PY64 is connected to and are not retransmitted to the other system BLE interfaces through the mesh network. Satisfies the DALI -101 -103 and -301 parts

Complies with EN60598-1 and pertinent regulations

IP20

**Technical data**

Control: DALI-2