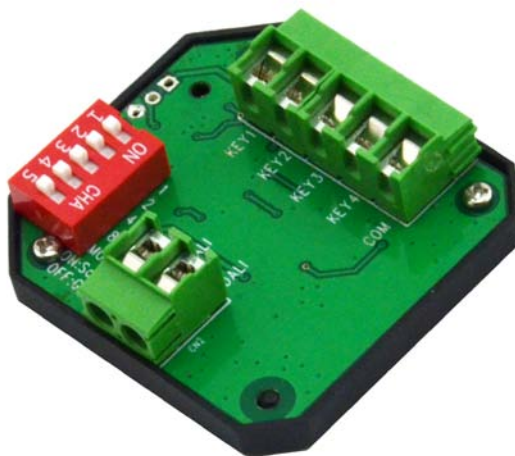


DALI-GSC-4

DALI Group-Scene Controller



Product Features

- Designed to comply with IEC60929/62386
- Choose group or scene mode via DIP switch
- Can individually control max.4groups or scenes
- Can dim up/down, on/off of any group on the panel (Only for group mode)
- Can choose different scenes (Only for scene mode)
- Power supply via DALI bus

Technical Data

Model	DALI-GSC-4
Power supply	Via DALI signal line
Input	12-20VDC
Signal current	2mA
Output	Dimming/Off/On for 4 groups individually (For group control) Switch scene (For scene control)
Dimension	44*46*14mm
Temperature	0~60℃

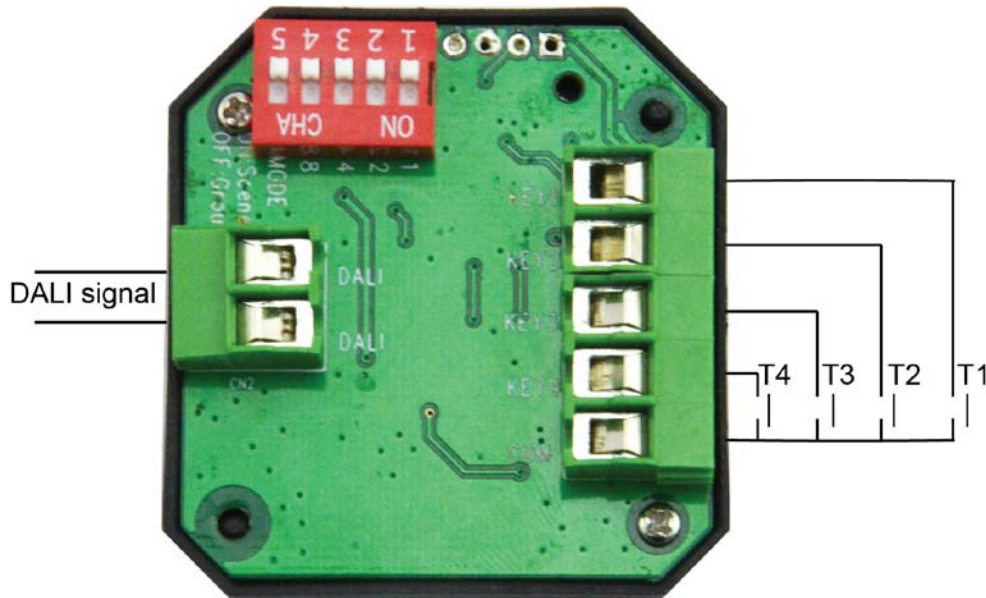
Function Description

The DALI-GSC-4 is a multifunctional device for the DALI circuit. The user can choose group or scene control. The scene control designed to choose different scenes. The group control designed not only can choose different groups, but also can dim up/down and turn on/off the group.

The DALI-GSC-4 is multi-master-compatible, which means several control modules can be installed in parallel in a DALI system.(On the DALI bus can use several DALI-GSC-4 as actual request)

The DALI-GSC-4 is designed to control gear with DALI standard IEC 60929 (DALI V0) and IEC 62386 (DALI V1).

Interface Description



Mode	Type	Short press	Long press
DALI group control	T1	Groups: OFF/ON	Groups: up/down dimming
	T2	Groups: OFF/ON	Groups: up/down dimming
	T3	Groups: OFF/ON	Groups: up/down dimming
	T4	Groups: OFF/ON	Groups: up/down dimming
DALI scene control	T1	Open the T1 current Scene; T2,T3,T4 Scenes shut down	---
	T2	Open the T2 current Scene; T1T3,T4 Scenes shut down	---
	T3	Open the T3 current Scene; T1,T2,T4 Scenes shut down	---
	T4	Open the T4 current Scene; T1,T2,T3 Scenes shut down	---

DIP Switch Setting

The user can choose the mode via DIP switch 5, ON means scene mode, OFF means group mode.

The user can set starting ID via DIP switch 1,2,3,4, the range is 0 to 15. Use binary coding, binary dial table as following (0 means OFF, 1 means ON)

DIP switch	starting ID	DIP switch	starting ID	DIP switch	starting ID	DIP switch	starting ID
0000	0	0010	4	0001	8	0011	12
1000	1	1010	5	1001	9	1011	13
0100	2	0110	6	0101	10	0110	14
1100	3	1110	7	1101	11	1111	15

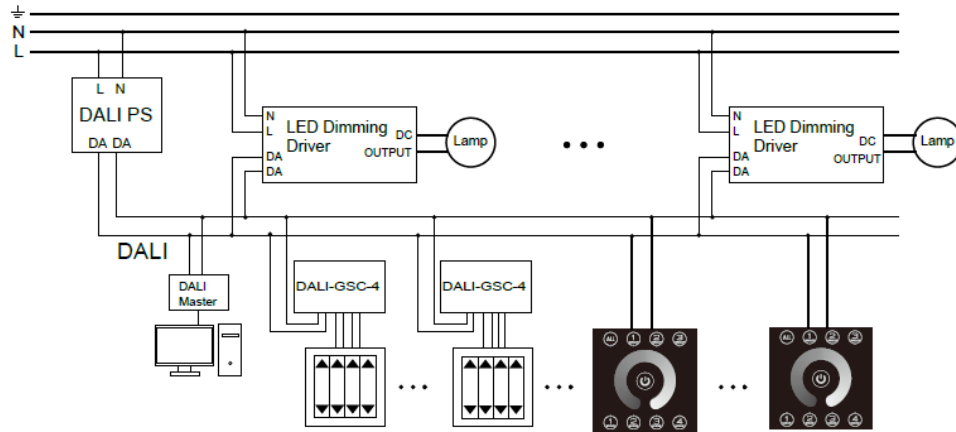
T1: starting ID, set via DIP switch

T2: starting ID+1

T3: starting ID+2

T4: starting ID+3

Typical Application



Installation

- ◆ The DALI-GSC-4 is inserted into the mounting box for the key switch.
- ◆ The DALI-GSC-4 must not be connected to the mains. It is supplied directly via the DALI signal line.
- ◆ DALI signals are not SELV. Therefore the same procedures should be applied as working with mains voltage.
- ◆ The DALI-GSC-4 output is connected to the reset switch panel. The length of wire is not exceed 50cm.
- ◆ Short press < 500ms < Long press

Our company provide 1-3 dual reset switch panel. Please choose according to the actual demand.

