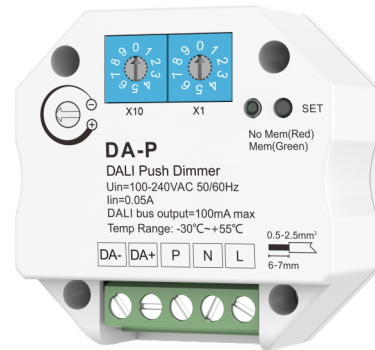# DALI Push Dimmer

Model No.: DA-P

Push Dim/Address programmability/Dim speed adjustable/Memory function

Features

- Small Dimmer for DALI Drivers or Ballasts.
- Unidirectional and broadcasting communication.
- Control by conventional push-button, with or without memory:
  Short press: turn on /off light.
  Long press: dimming up/down.
- Dimming speed adjustable by rotary knob.
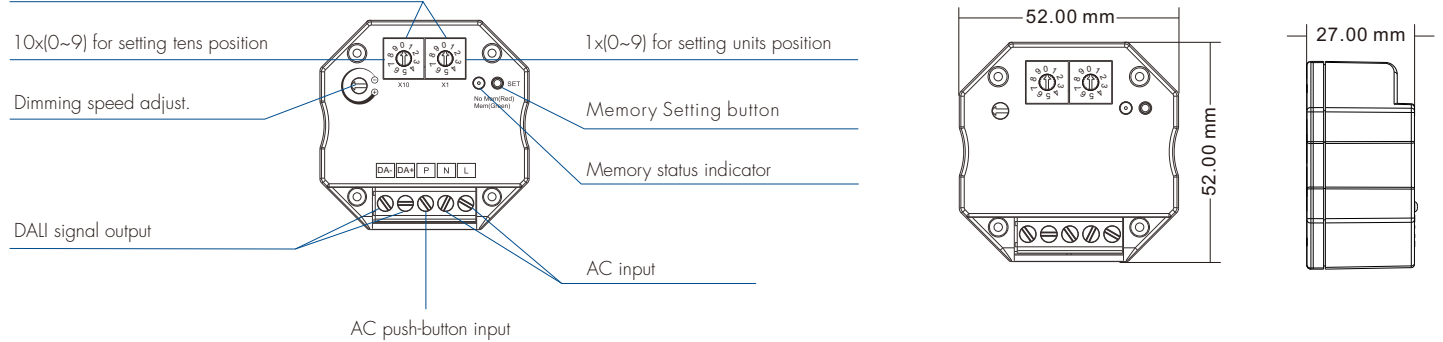- Can be used as a DALI bus power supply to provide power.
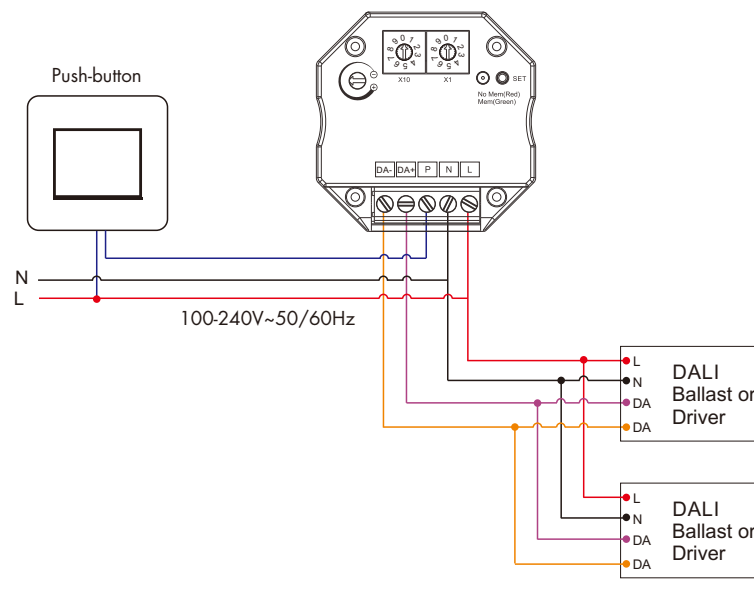
Technical Parameters

Input and Output	
Input voltage	100-240VAC
Input Signal	Push
DALI bus Voltage output	16VDC
DALI bus Current output	100mA max

Environment	
Operation temperature	Ta: -30 $^\circ$C ~ +55 $^\circ$C
Case temperature (Max.)	Tc: +75 $^\circ$C
IP rating	IP20

Package	
Size	L60x W60 x H40mm
Gross weight	0.061kg
Warranty	
Warranty	5 years

Mechanical Structures and Installations

Rotary switches for setting DALI address,
the number equals to tens position plus units position

10x(0~9) for setting tens position

Dimming speed adjust.

DALI signal output

1x(0~9) for setting units position

Memory Setting button

Memory status indicator

AC input

AC push-button input

52.00 mm

52.00 mm

27.00 mm

Wiring Diagram

Push-button

N
L

100-240V~50/60Hz

L
N
DA
DA

DALI Ballast or Driver

L
N
DA
DA

DALI Ballast or Driver

⚠ Caution:

Please carefully ensure all wire connections and polarities are correct and secure before applying power, otherwise this controller will be damaged.

DALI address setting

1. Address value = Left rotary switch value × 10 + right rotary switch value.
   For example : Left rotary switch value is 5, right rotary switch value is 4, Address value = 5 x 10 + 4 = 54.
2. Unicast mode : Address value 0-63 corresponds to DALI addresses 00-63.
   Group mode : Address values 70-85 correspond to DALI groupings 0-15.
   Broadcast mode : Left rotary switch value is 9.

PUSH dimming speed setting

1. The closer the arrow is to "+", the faster the PUSH dimming speed will be.
2. The closer the arrow is to "-", the slower the PUSH dimming speed will be.

Memory function setting

Short press the "SET" button to switch the memory function.

1. Without memory: LED indicator is red, PUSH dimming and then power on again, No change in light brightness.

2. With memory: LED indicator is green, PUSH dimming and then power on again, light restores the last brightness.

Factory default: Without memory.

Push-button function

● Short press:
   Turn on / off light.
● Long press :
   Dimming up/down

Safety & Warnings

• DO NOT install with power applied to device.
• DO NOT expose the device to moisture.