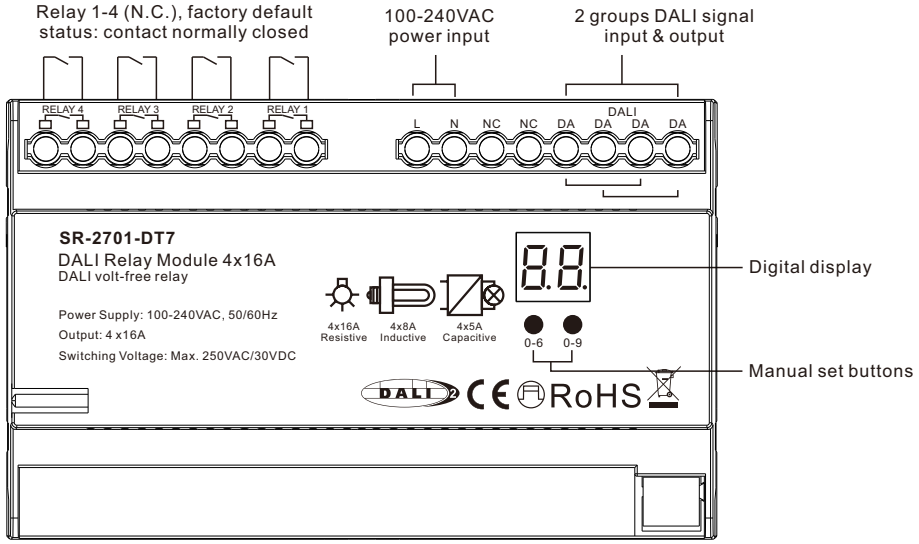
4 Channels DIN Rail DALI Relay

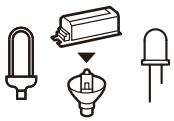
Important: *Read All Instructions Prior to Installation*

Function introduction



Product Data

Input			Output, relay			
DALI control input	DALI consumption	Number of DALI addresses	Switching voltage AC	Switching voltage DC	Current	Type of contact
1	< 3mA	1/2/3/4 settable	Max. 250V	Max. 30V	Resistive load: max. 4*16A Inductive load: max. 4*8A Capacitive load: max. 4*5A	4 normally closed

Compatible Load Types		
Load Symbol	Load Type	Maximum Load
	Resistive loads Conventional incandescent and halogen light sources	4*3680W @ 230VAC 4*1760W @ 110VAC
	**Capacitive loads** Fluorescent tube lamp (compact / with electronic ballast), electronic transformer, LED	4*1150W @ 230VAC 4*550W @ 110VAC
	Inductive loads Ferromagnetic transformers	4*1840W @ 230VAC 4*880W @ 110VAC

- DALI relay module, DALI-2 certified
- DIN rail installation
- 100-240VAC power supply
- 4 channels relay module
- DALI address can be manually set through digital display
- DALI address quantity can be set as 1/2/3/4 to control 4 relays separately or at the same time
- Control of 4 standard contactors
- DIN rail relay module for controlling 4 standard contactors via DALI
- Loads that do not have a DALI input can therefore be integrated in the DALI circuit
- The loads can be switched on and off via DALI
- Compatible with universal DALI systems and master controllers in the market
- DIN rail installation, compatible with standard 35mm DIN rail
- 5 years warranty
- Waterproof grade: IP20

Safety & Warnings

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

Operation

1. Set DALI Address Manually Via Buttons

1.1. Press and hold down any of the two buttons until numeric digital display flashes, then release the buttons.
1.2. Click any of the two buttons once to select a digit, click again to change the digit until the desired DALI address appears. Click first button to set “tens” position and second button to set “units” position. The address can be set from 00~63.
1.3. Then press and hold down any of the 2 buttons until the numeric digital display stops flashing to confirm the setting.
Note: DALI address can be manually assigned from 00-63-FF, by factory defaults, no DALI address is assigned for the driver, and the display shows FF. Setting DALI address as FF will reset the dimmer to factory defaults.

2. DALI Address Assigned by DALI Masters.

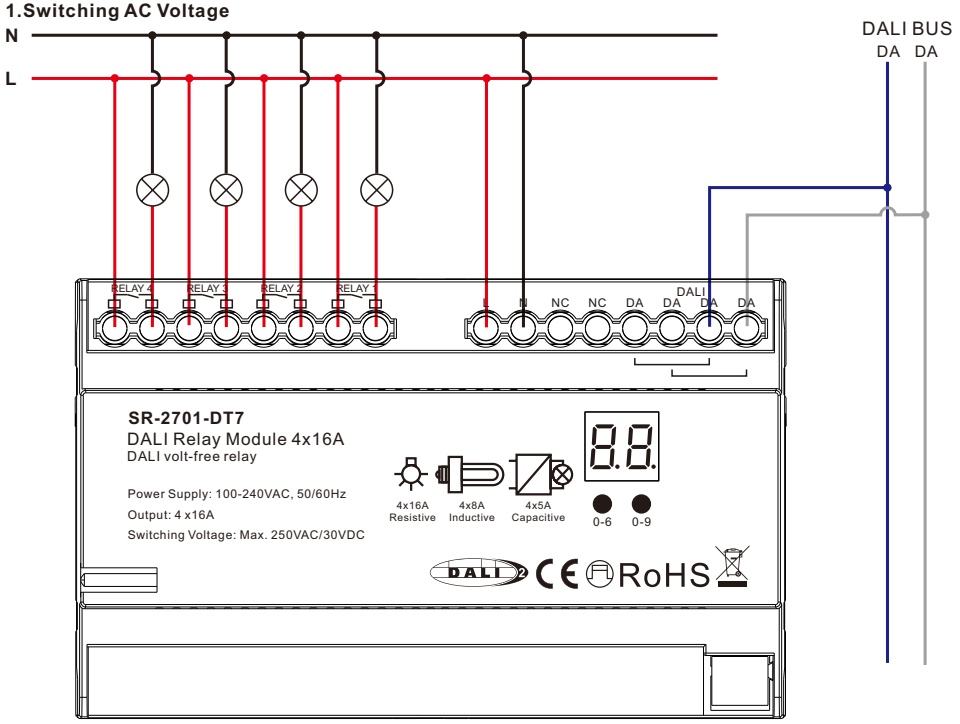
DALI address can also be assigned by DALI Master controller automatically, please refer to user manuals of compatible DALI Masters for specific operations.
Note: The digital display will show AU when the DALI master is assigning addresses.

3. Set DALI Address Quantity.

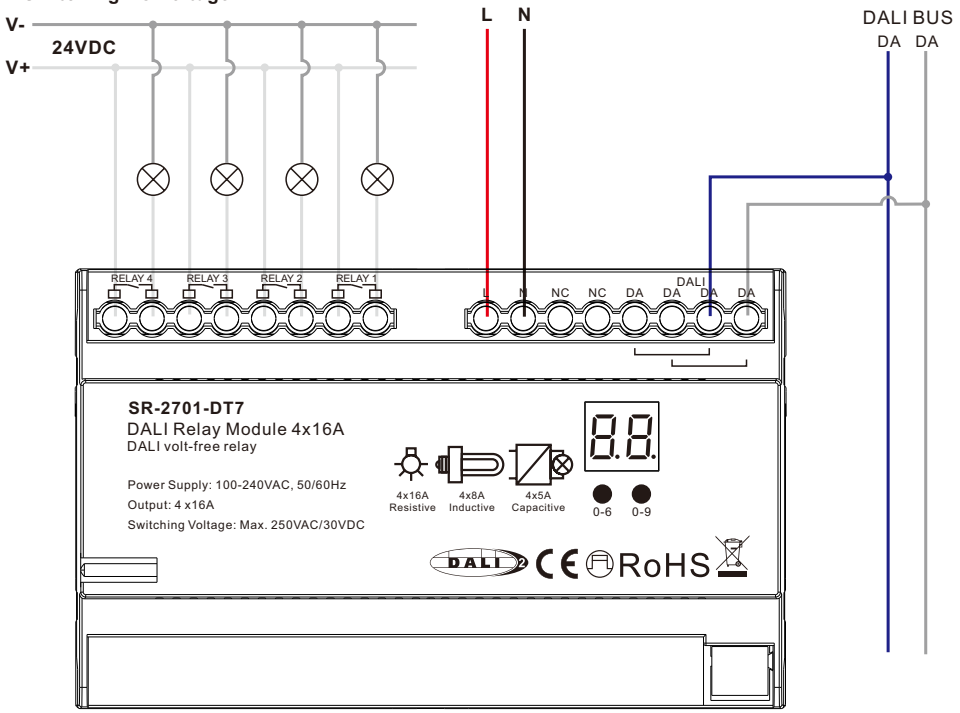
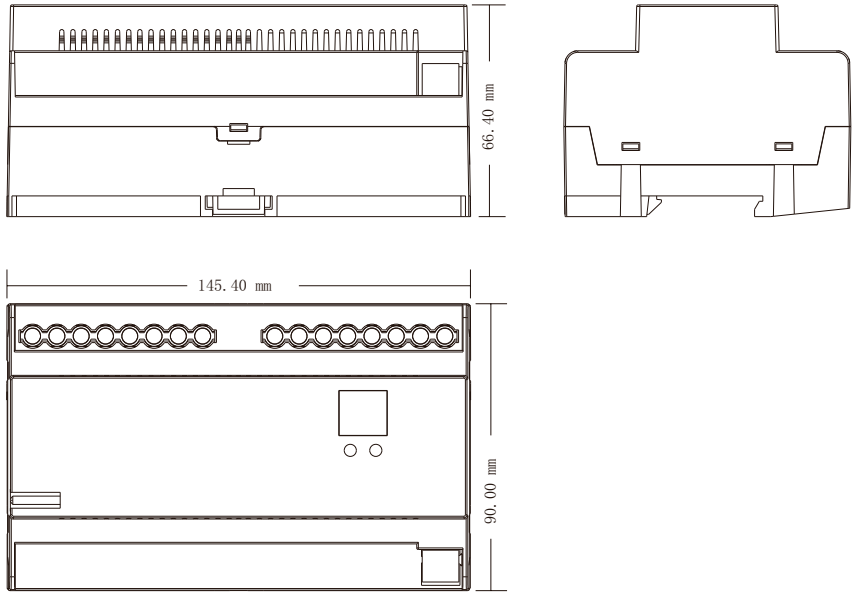
3.1. Press and hold down both of the two buttons until numeric digital display flashes, then release the button.
3.2. Click first button to select “1A”, “2A”, “3A” or “4A” which means 1/2/3/4 DALI addresses.
3.3. Then press and hold down any of the 2 buttons until the numeric digital display stops flashing to confirm the setting.
For example, when we set DALI address to 00:
When select 1A, all 4 relay load will be the same address 00, and controlled simultaneously.
When select 2A, relay1& relay3 will be same address 00, relay2 & relay4 will be same address 01.
When select 3A, relay1 will be address 00, relay2 will be address 01, relay3 & relay4 will be address 02.
When select 4A, relay1 will be address 00, relay2 will be address 01, relay3 will be address 02, relay4 will be address 03.
Note: The relays with the same address will be controlled simultaneously, the relays with different addresses will be controlled separately.

Wiring Diagram

1.Switching AC Voltage



2.Switching DC Voltage



Product Dimension