

# D254.DIN

## Dual Dimmer

The D254.DIN TRIAC (the D254.DIN) 2 channel light dimmer provides up to 1200W of dimming power, 600W per channel. The D254.DIN is a central component in the Honeywell Integrated Room Automation System when used with the INNCOM MODEVA, EVORA or Designer Series switches.

### OVERVIEW

The D254.DIN is designed as a load center dimming product. The D254.DIN supports two 600W dimming channels and its benefits include higher-power dimming capability, reduced need for vertical wiring pulls, and providing multi-point, multi-functional dimming control at a lower cost. It may be used in wireless (RF) and hardwired applications. The D254.DIN provides 256 levels of brightness, creating an uninterrupted flow when the guest increases or decreases the lighting. Minimum and maximum brightness levels and ramping speed are configurable.



D254.DIN.US 2 Channel Triac Dimmer



D254.DIN.International 2 Channel Triac Dimmer

## FEATURES & BENEFITS



One dimmer controls two independent circuits

Equipped with electronic air-gap switch



RF Wireless Communication or S5bus

Operates on any line voltage between 100 and 240VAC



Quiet operation no filament lamp hum



May be integrated with the INNCOM Room Automation System over the Deep Mesh Network with INNCOM's INNcontrol 3 software



256 levels of brightness

Provides dimming for tungsten, halogen, electronic ballast and dimmable fluorescent

# D254.DIN Dual Dimmer

## APPLICATIONS

The product is used in the load centers for centralized dimmer lighting circuits. Typically, the INNCOM EVORA, Designer Series or MODEVA Series products provide the multi-point input controls for the D254.DIN.

The product is designed for guestroom, and common area (suites, board rooms, etc) lighting applications in the hotel.

Guestroom lighting control is accomplished through the use of INNCOM light switches, communication devices and third-party switches. Through these devices, the guest can turn the light on or off (automatically returning the light to last brightness setting) or increase and decrease the brightness of the light. Dimming may also be achieved with the use of other pre-existing or off-the-shelf light switches.

The D254.DIN has been also equipped with an air-gap switch. This allows the maintenance staff to completely disconnect the line power while performing maintenance on the lighting circuit (such as changing a light bulb).

## SPECIFICATIONS

<b>DIMENSIONS</b>	6 1/8" W x 3 3/8" H x 2 5/16" D (156mm W x 85mm H x 58mm D)
<b>POWER REQUIREMENTS</b>	100-240VAC input voltage range for US and International applications
<b>MOUNTING</b>	DIN rail or screw mountable
<b>OPERATING RANGE</b>	41°F to 149°F (5°C to 65°C)
<b>TEMPERATURE</b>	± 1°F 60°F to 85°F (± 0.5°C 15°C to 30°C)
<b>APPROVALS</b>	CE Mark Listed, UL Listed FCC part 15B Compliant CCC (Chinese Compulsory Certification)
<b>PARAMETER MEMORY</b>	Non-volatile
<b>DIMMABLE LOADS</b>	Up to 600W per channel

## LISTED LOAD RATINGS

### UL Listed:

- Tungsten/ Filament Lamp Load: 100-120VAC, 60hz 5.5A
- Inductive Load: 100-120VAC, 60hz 5.5A
- Resistive Load: 100-120VAC, 60hz 5.5A
- Electronic Transformer to Halogen Load: 100-120VAC, 60hz 5.5A
- Electronic Ballast for FL Load: 100-120VAC, 60hz 2.5A
- Line Voltage LED Light Load: 100-120VAC, 60hz 1.5A

### CE Mark, CQC:

- Tungsten/ Filament Lamp Load: 100-240VAC 50/60hz 2.5A
- Inductive Load: 100-240VAC 50/60hz 2.5A
- Resistive Load: 100-240VAC 50/60hz 2.5A
- Magnetic Transformer to Halogen Load: 100-240VAC 50/60hz 2.5A
- Electronic Transformer to Halogen Load: 100-240VAC 50/60hz 2.5A
- Electronic Ballast for FL Load: 100-240VAC 50/60hz 1.0A
- Line Voltage LED Light Load: 100-240VAC 50/60hz 0.5A

### For more information

[www.inncom.com](http://www.inncom.com)

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