

Atios DALI AC Dimmer DIN ADD-D1 Datasheet

TECHNICAL SPECIFICATIONS

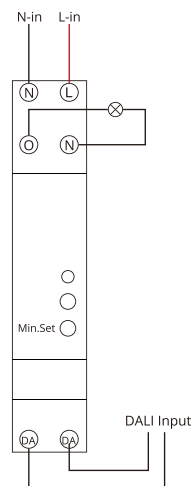
Control input	DALI bus or local AC push switch
DALI addresses	1 (1 channel), automatically assigned by the DALI controller
Input voltage	100–240 V AC, 50/60 Hz
Output	AC phase-cut dimmer, leading- or trailing-edge (factory preset), 1 channel, 0.1–1.8 A, up to 400 W
Output load at 230 V	dimnable LED 200 W; incandescent / HV halogen 400 W; LV halogen with electronic transformer 200 W
Output load at 110 V	dimnable LED 100 W; incandescent / HV halogen 200 W; LV halogen 100 W
Compatible loads	resistive, capacitive and inductive
Dimming range	5–100 %
Terminals	0.75–2.5 mm ² (18–12 AWG), strip length 5.5–7.5 mm
Ambient temperature	–25 °C to +50 °C
Dimensions	90 × 66 × 18 mm, DIN-rail device (1 module)

APPLICATION AREA AND FEATURES

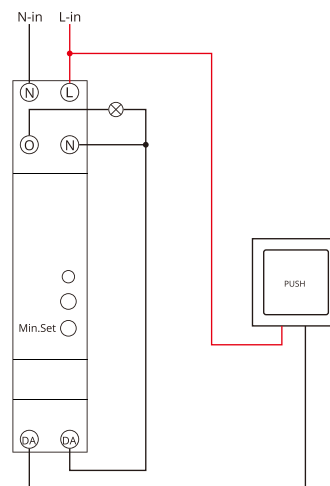
- Phase-cut dimmer for AC lights in a 1-module DIN-rail housing.
- Controlled via the DALI bus (1 address) or a local AC push switch (PUSH DIM: on/off and dimming).
- Leading- or trailing-edge dimming, factory preset.
- Minimum brightness setting via the Min.Set button on the device.
- Compatible with resistive, capacitive and inductive loads.

WIRING

1. With DALI Signal



2. With AC Push Switch



- L** terminal for live lead
N terminal for neutral lead
 output terminal (controlling connected light source)
DA DALI signal input

