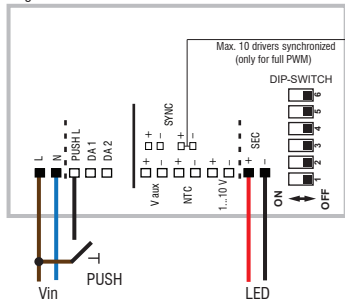


LED Gear 250-700mA 30-50W 1-10/PD/DALI AM

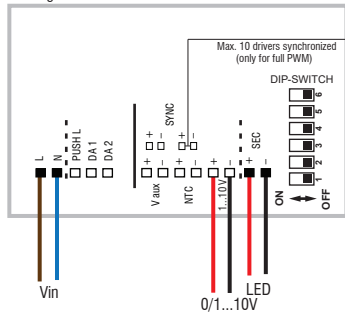
12408330



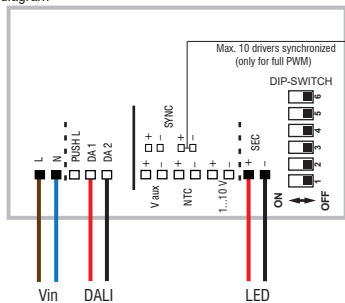
PUSH diagram



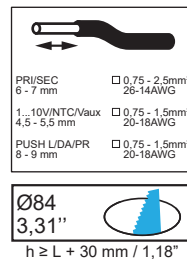
0/1...10V diagram



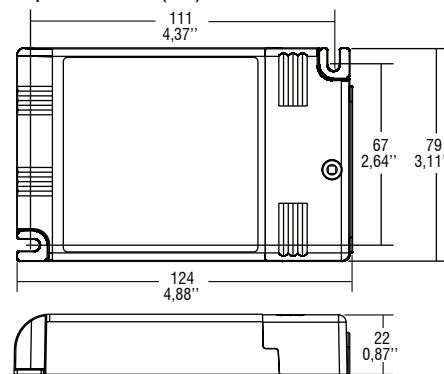
DALI diagram



250mA	28W (28W ⁽²⁾)	20-112Vdc	ON OFF	1 2 3 4 5 6
350mA	39W (39W ⁽²⁾)	20-112Vdc	ON OFF	1 2 3 4 5 6
500mA	56W (40W ⁽²⁾)	2-112Vdc	ON OFF	1 2 3 4 5 6
700mA	60W (40W ⁽²⁾)	2-86Vdc	ON OFF	1 2 3 4 5 6



Compatible with ZHAGA (AM3)



Operating Mode

- Light regulation 0/0,5 - 100% by means of PUSH function, 0/1...10V interface (I=1mA) or 100 Kohm potentiometer and DALI
- Features DALI dimming:
 - memory function for sets or light groups
 - recall of stored functions
 - compatible with standard DALI interfaces
- DALI-2 approved
- Features PUSH dimming: (mains voltage)
 - a short push to turn on and off
 - a longer push to increase or decrease light intensity
 - regulation automatically stops at minimum or maximum values
 - for another on regulation or off command, release the push button and give the desired command again
- Possibility to use PUSH function to 4/5 drivers without sync cable
- Maximum length of the cable, from the push button to last driver, must be max. 15 m / 49 ft. In case of application where the cable is longer keep this separate from the 110-240 Volt mains cable.
- ATTENTION: only use normally open push buttons with no incorporated warning light
- Specific dimming terminal connection with a 0/1...10Vdc electronic potentiometer (0/1...10V local dimming, double insulation required for external connection).
- Max. 10 drivers synchronization is possible, command only one driver (1 master + 9 slaves) - synchronization cable 4m is separately supplied (12400100) Only for full PWM dimming.
- PUSH re-synchronization: when the drivers are switched on, press the PUSH key for more than 1 second (long PUSH) followed with a short push (<1s). now the devices are switched off, do a long PUSH, the system will now be resynchronized.
- Short circuit 1...10V port for at least 5 seconds to reset the device to ON/OFF & 1...10V modes
- Full AM DIMMING: 1-100%, compatible with Modular warmdim LED fixtures

Rated Voltage

110 ÷ 127 V ⁽²⁾
220 ÷ 240 V

Frequency

50...60 Hz

AC Operation range

99 ÷ 264 V

DC Operation range

DC 170 ÷ 280 V
(NO PUSH mode function)

Power

3 ÷ 60 W

Temperature

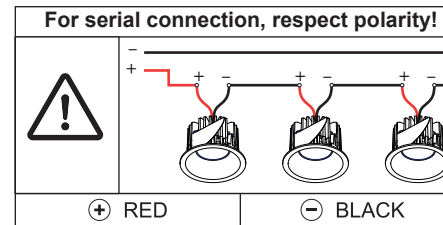
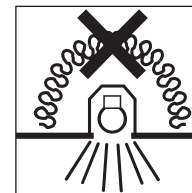
T_c = 90°C
T_a = -25...+50°C

max. Efficiency

> 92 ⁽¹⁾

Maximum current output ripple

≤ 3% ⁽¹⁾



CAN BE USED WITH
Fixtures:
see driver matrix - latest version on website
www.supermodular.com or check sales contact

⁽¹⁾ Referred to V_m = 230V, 100% load

⁽²⁾ Rated Voltage 110 ÷ 127 V

