LED driver 350-700mA 17-32W L+Tre/PUSH
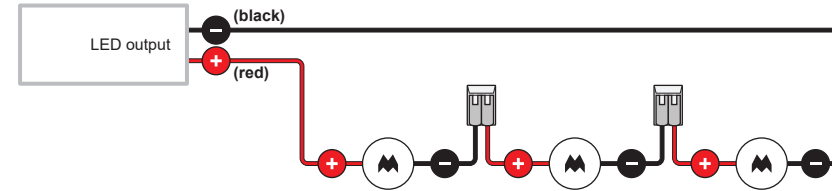
12400330

WIRING DIAGRAM
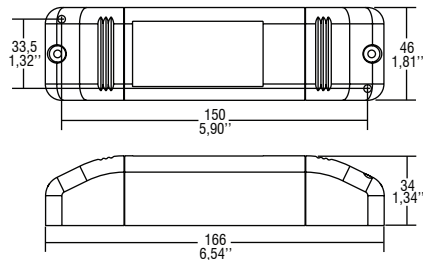
Diagram

Vin

PUSH diagram (NO JUMPER)

Vin

PUSH

JUMPER

NO JUMPER

Max. 10 drivers synchronized

6 mm
0.50 - 2.5mm²
24 - 14 AWG

LED

LED
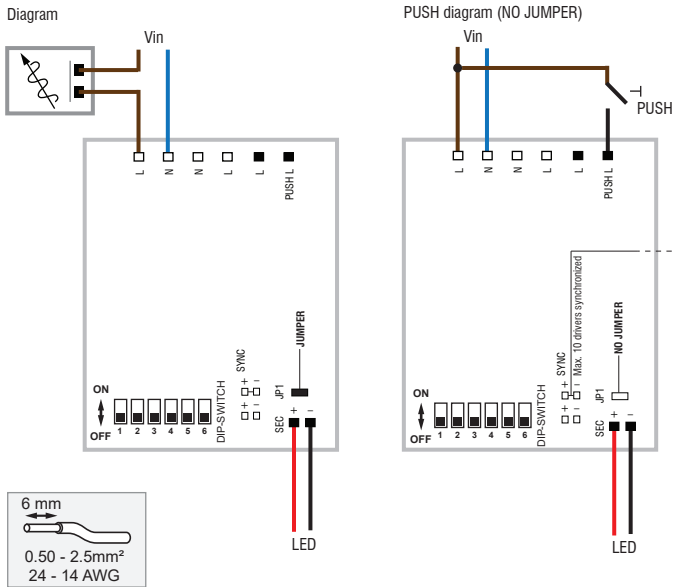
⚠ **SERIAL CONNECTION, RESPECT POLARITY**

DRIVER WITH 1 x LED OUTPUT

LED output

(black)

(red)

DIMENSIONS

33,5
1,32''

46
1,81''

150
5,90''

34
1,34''

166
6,54''

MINIMUM HEIGHT TO TILT IN DRIVER

min 145 mm

Ø 56 mm
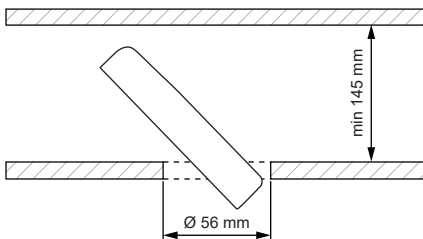
OPERATING WINDOW

OPERATING WINDOW

350mA	17W	2-47VDC
500mA	24W	2-47VDC
700mA	32W	1-47VDC

OPERATING MODE

- Regulating driver with "phase cut-off" dimmer IGBT, TRIAC and PUSH
- Light regulation 0/0,5 -100% by means of PUSH function: (mains voltage) remove JUMPER
  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
  dimming level memory at mains restore
- 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.15m / 49ft. In case of application where the cable is longer keep this separate from the 220-240 Volt mains cable.
- ATTENTION: only use normally open push buttons with no incorporated warning light
- Max. 10 drivers synchronization is possible, command only one driver (1 master + 9 slaves) - synchronization cable 4m is sepperately supplied (12400100)
- 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.
- LOOPING: suitable for cascade connection.

[1] Referred to Vin = 230V, 100% load

ELECTRICAL CHARACTERISTICS

NOMINAL INPUT VOLTAGE RANGE AC
220 - 240V

FREQUENCY
50 - 60HZ

AC OPERATING RANGE
198 ÷ 264 V

DC OPERATING RANGE
DC 176 ÷ 264 V
(NO PUSH mode function)
(NO IGBT/TRIAC)

MAXIMUM OUTPUT POWER
0 ÷ 32 W

TEMPERATURE
Tc = 75°C
Ta = -25...+45°C

MAXIMUM EFFICIENCY
> 85 [1]

MAXIMUM CURRENT OUTPUT RIPPLE
≤ 3% [1]

MAXIMUM DRIVERS ON MCB 16A TYPE B
50

REFERENCE NORMS
EN 50172 (VDE 0108)
EN 55015
EN 61000-3-2
EN 61000-3-3
EN 61347-1
EN 61347-2-13
EN 61547
EN 62384
VDE 0710-T14

FIXTURES & ACCESSORIES

For latest version of driver matrix and available accessories check www.supermodular.com or connect with your sales contact.

L,C   PUSH   IP 20