## VSTR RGB - 1...10 V / PUSH / IR

**Direct current dimmable electronic drivers**

Alimentatori elettronicì regolabili in corrente continua

**Rated Voltage**

Tensione Nominale

220 + 240 V

**Frequency**

Frequenza

50-60 Hz

**AC Operation range**

Tensione di utilizzo AC

198 ÷ 264 V

**Power - Potenza**

0 ÷ 120 W

**iTHD**

≤ 10% (1)

**Output current ripple**

≤ 3% (1)

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### Standards compliance

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

### Max. pcs for CB B16A

(see page info17)

8 pcs

### In rush current

35A 1000µsec

### Caratteristiche

- Alimentatore elettronico regolabile con uscita in tensione per moduli LED, tre uscite per moduli LED (RGB).
- IP20 independent driver, for indoor use.
- Class I protection against electric shock for direct or indirect contact.
- Input and output terminal blocks on opposite sides (wire cross-section up to 2,5 mm² / AWG13).
- Protections:
  - against overheating and short circuits;
  - against mains voltage spikes;
  - against overloads;
  - protection fuse at input.
- If you using DC VSTR with DCC DALI INTERFACE connection 1 meter cable, not included, code 485720518 (page 12.8).

### Features

- Dimmable electronic driver with output voltage for LED modules, three outputs for LED modules (RGB).
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### The data shown are preliminary and may change - I dati riportati sono preliminari e potrebbero subire variazioni

### Accessories not supplied - Accessori non a corredo

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Remote control - Telecomando (150120A)

### Weight - Peso

595 / 13.93 oz.

### Pcs - Pezzi

20

### Ø80

3,15''

### 49

1,93''

### 240

9,45''

### 231

9,10''

### 66

2,56''

### 6.45

2,36''

### 3,10

1,81''

### 485720518

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TCI professional LED applications

Made in Italy
VSTR RGB - 1...10 V / PUSH / IR

Direct current dimmable electronic drivers
Alimentatori elettroniche regolabili in corrente continua

Operation Mode
- White mode with PUSH:
  - a short push to turn on and off;
  - a longer push to increase or decrease light intensity;
  - regulation automatically stops at minimum and maximum values;
  - for another on, regulation or off command, release the push button and give the desired command again.
- White/RGB mode with IR remote controller:
  - can turn on and off;
  - independent regulation of RGB channels;
  - light show selection;
  - selection of the speed of the light show time duration.
- RGB mode with PUSH:
  - short pressure "when off" to turn on;
  - short pressure "when on" to select the light show;
  - prolonged pressure "when off" to choose the colour;
  - prolonged pressure "when on" to turn off.
- Light regulation 0 - 100% by means of PUSH function, 0/1...10 V interface (I = 0.35 mA) or 100 Kohm potentiometer.
- Specific dimming terminal connection with a 0/1...10 Vdc electronic potentiometer (0/1...10 V local dimming, double insulation required for external connection).
- The maximum length of the cable, from the push button to the last transformer, must not exceed 15 m / 49 ft. In the case of a cable longer than 15 m / 49 ft, keep same separated from the power system cable 220 - 240 V.
- Max. 10 synchronised drivers of which only one can be controlled (1 Master + 9 Slaves).
- Synchronization cable is separately supplied (code 425720016).
- Remote control and IR receiver with 2 m (6 ft) long cable, supplied separately.
- For additional details for regulations see pages info12-14.

Example of application - Esempio di applicazione

Single color DALI dimming with RGB series - Collegamento DALI singolo colore con serie RGB

Wiring diagram - Schema di collegamento
(Max. LED distance at page info8 - Massima distanza LED a pagina info8)

- White mode with PUSH and 1...10 V - Collegamento singolo colore con PUSH e 1...10 V
- White/RGB mode with IR remote controller - Collegamento bianco/RGB con telecomando IR

Jumper setting - Settaggio jumper

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