

**Important:** Read all instructions prior to installation.

**Function introduction:**

ref. TCSMCPWMRGB1/TCSMCPWMTWB1/TCSMCPWM4CH1

Output \_\_\_\_\_

DC Power Input \_\_\_\_\_



Pushbutton x4

### Product Data:

#### Input

Voltage Range:	12-48 VDC
Max. input current:	5 A
No-load standby power:	< 0,3 W

#### Output

Output voltage:	same as input voltage
Max. output power:	240 W @ 12VDC 480 W @ 24VDC 960 W @ 48VDC

Max. output current:	5 A ( per channel )
Min. load requirement:	1 W
Dimming method:	Pulse Width Modulation (PWM)
Dimming frequency:	2000 Hz
Pushbuttons:	4 x NO contacts

#### Radio transceiver

Operating frequencies:	2,4...2,483 Ghz
Maximum output power:	+4 dBm

#### Operating conditions

Ambient temperature, ta:	-20...+50°C (Iout 0 A) -20...+40°C (Iout 0,6 A) +70 °C
Max. case temperature, tc:	+70 °C
Storage temperature:	-25... +75 °C
Max. relative humidity:	0...80%, non-cond.

#### Connectors

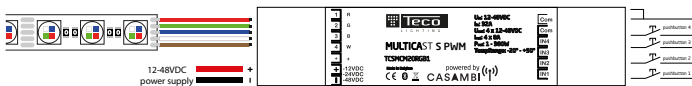
Wire range, solid & stranded:	0,75-1,5 mm <sup>2</sup> 14-22 AWG
Wire strip length:	6-7 mm
Tightening torque:	0,4 Nm/4 Kgf.cm/2,6 Lb-In

#### Mechanical data

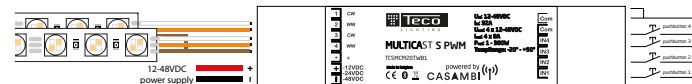
Dimensions:	165 x 29,5 x 22,3 mm
Weight:	48 g
Degree of protection:	IP20 (indoor use only)
Protection class:	Built-in Class II Strain relief incl.

## Wire Diagram:

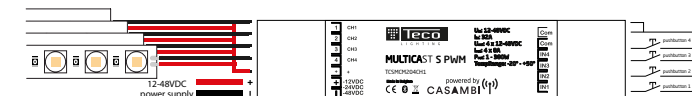
### Wiring diagram, RGBW / RGB



### Wiring diagram, 1-2 tunable white separate channels



### Wiring diagram, 1-4 separate channels



## Safety & Warnings:

- DO NOT install with power applied to device.
- DO NOT expose the device to moisture.

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