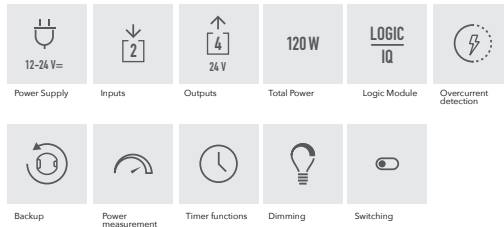


## frogStrip120e

4-channel control module for LED strips (RGBW, RGB, tunable white or unicolor) to connect an external 12-24 V DC constant power supply, max. 12 V / 5 A or 24 V / 5 A, with 2 contact inputs for potential-free buttons/switches and integrated time buffer. With comfort and timer functions.



### Technical Data

#### Category

Article designation	frogStrip120e
Article number	STR120e.01
Assembly type	Recess-mounted (in device socket according to DIN 49073)

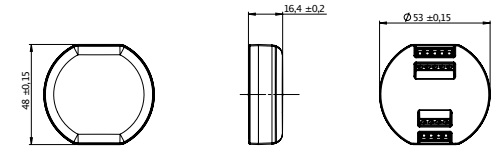
#### Functions and power

Inputs	2
Outputs	4 (for example, 1x RGBW-Stripe or 2x Tunable White or 4x Unicolor)
Outputs dimmable	Yes
Max. current / Output	5 A
Max. current / Total	5 A
Max. load / Output	120 W @ 24 V
Max. load / Total	120 W @ 24 V
Suitable loads	LEDs with constant Voltage 12/24 V
Output modes	Dimming, Switching
Protection Category	Conforms to IP20
Integrated Logic module	Yes
Integrated configuration backup	Yes
Comfort and timer functions	Yes
Power measurement	Yes
Short circuit detection and notification	Yes

## frogStrip120e

### Dimension and weight

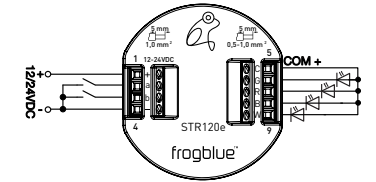
Dimension (L x B x H): 53 x 48 x 16,4 mm  
Weight: 23g



### Connection example

**Socket depth** min. 53 mm for installation behind switch insert  
rec. 63 mm for installation behind switch insert

Individual installation is necessary for shallow depths.



### Power supply

Mains voltage	DC 12-24 V
Max. current	5 A
Max. power	120 W @ 24 V
Stand-by-consumption	< 150mW

### Network

WLAN	No
Bluetooth®	Bluetooth® 4.2 Low Energy
Frequency range	2400-2483,5 MHz max. 6.7 dBm
Typical radio open field range	30 meters

### Operation and storage

Ambient temperature	-25°C bis +50°C
Storage temperature	-25°C bis +70°C
Air humidity (during operation)	(Non-condensing)

### Power connection

Contact type	e, MOSFET
Connection variants	LED-Strips (RGBW, RGB, tunable White or Unicolor)
Connection type	Screw terminal (single wire)
Wire cross section	0,5 - 1 mm <sup>2</sup> rigid, flexible (without ferrule)
Stripping length	5 mm
Max. cable length to power supply	≤ 20 cm @ 1 mm <sup>2</sup>
Max. cable length to Output	≤ 20 cm @ 0,5 ... 1 mm <sup>2</sup>
Max. cable length Input	≤ 50 m @ 0,5 ... 1 mm <sup>2</sup>

### Packaging

Packaging size	1 unit, 10 units
EAN 1 Unit	4260578530996
Packaging dimensions (L x B x H) 1 unit	75 x 30 x 75 mm
Weight including cable/packaging 1 unit	50 g

Subject to change.  
Electrical equipment may be installed and fitted only by qualified electricians.

More information  
[www.frogblue.com](http://www.frogblue.com)

