



PSB-10-24

EAN code



PSB-10-12 8595188145022  
PSB-10-24 8595188143783



PS-10-12V 8595188139052  
PS-10-24V 8595188139069



PS-30-12V 8595188137966  
PS-30-24V 8595188139045  
PS-30-R 8595188136655



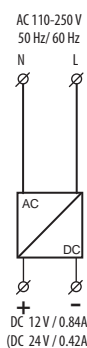
PS-100-12V 8595188137195  
PS-100-24V 8595188139021

- PSB-10: switching stabilized power supplies with fixed output voltage, for mounting into an installation box (such as KU-68)
  - PSB-10-12 - stabilized power supply 12V/10W
  - PSB-10-24 - stabilized power supply 24V/10W
- PS-10: switching stabilized power supplies with fixed output voltage, version 1-module
  - PS-10-12 - stabilized power supply 12V/10W
  - PS-10-24 - stabilized power supply 24V/10W
- PS-30: switching stabilized power supplies, version 3-module
  - PS-30-12 - stabilized power supply with fixed output voltage 12V/30W
  - PS-30-24 - stabilized power supply with fixed output voltage 24V/30W
  - PS-30-R - stabilized regulated power supply 12-24V/30W
- PS-100: stabilized power supply with fixed output voltage, version 6-module
  - PS-100-12 - stabilized power supply 12V/100W
  - PS-100-24 - stabilized power supply 24V/100W
- Output current is limited by electronic fuse, in case maximal current is exceeded, the device switches off and after a short time interval it again switches on.
- Indication of output voltage by green LED on front panel (without PSB)
- Indication of overload by red LED on front panel – only for PS-30-R.
- Temperature protection – if temperature is exceeded, the device switches off and after cooled down, it switches on again.

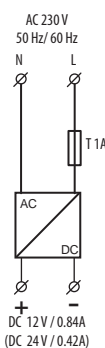
Technical parameters:	PSB-10-12	PSB-10-24	PS-10-12	PS-10-24	PS-30-12	PS-30-24	PS-100-12	PS-100-24	PS-30-R
<b>Input</b>	AC 110 - 250V / 50-60Hz		AC 230V / 50 - 60Hz						
Voltage range:	AC 110 - 250V / 50-60Hz		AC 230V / 50 - 60Hz						
Supply voltage tolerance:	x		-20%; +10%						
Burden without load (max):	3VA / 0.5W		5VA / 2W		5VA / 2W		6VA / 2W		4VA / 2W
Burden with full load (max):	26VA / 13W		25VA / 13W		78VA / 40W		195VA / 118W		71VA / 40W
Protection:	x		fuse T1A		fuse T2A		fuse T 3.15A		fuse T1A
<b>Output</b>									
Output voltage DC / max. current:	12V/0.84A	24V/0.42A	12.2V/0.84A	24.2V/0.42A	12.2V/2.5A	24.2V/1.25A	12.2V/8.4A	24.2V/4.2A	12.2V/2.5A 24.2V/1.25A
Tolerance of output voltage:	± 2%								
Output indication:	green LED								
Wave of off-load output voltage:	40mV		80mV		80mV		55mV		80mV
Wave of output voltage with max load:	380mV		20mV		20mV		5mV		40mV
Time delay after connection:					max. 0.5s				max. 1s
Time delay after over-load:					max. 0.5s				max. 1s
Overload capacity:	max. 120% of rated output								
Efficiency:	> 75%		> 75%		>75%		>82%		>77%
Electronic fuse:	electronic protections short-circuit, over load, over voltage								
<b>Other information</b>									
Working humidity:	20 .. 90% RH								
Operating temperature:	-20 °C to +40 °C (-4 °F to 104°F)								
Storage temperature:	-40 °C to +85 °C (-40 °F to 185 °F)								
Electrical strength input- output:	4kV								
Protection degree:	IP30		IP20 device/ IP40 in-built in distribution board						
Overvoltage category:	III.								
Pollution degree:	2								
Max. cable size (mm <sup>2</sup> ):	x		solid wire max.1x2.5 or 2x1.5/ with sleeve max.1x1.5						
Outlets:	solid wire CY, Ø 4x0.75mm <sup>2</sup> , 90mm		x						
Dimensions:	48 x 48 x 21 mm (1.8" x 1.8" x 0.8")		90 x 17.6 x 64 mm (3.5" x 0.7" x 2.5")		90 x 52 x 65 mm (3.5" x 2" x 2.6")		90 x 105 x 65 mm (3.5" x 4.1" x 2.6")		90 x 52 x 65 mm
Weight:	70 g (2.5 oz.)		62 g (2.2 oz.)		62 g (2.2 oz.)		136 g (4.8 oz.)		136 g (4.8 oz.)
Standards:	EN 61558-1, EN 61010-1, EN 61558-2-17								

## Connection

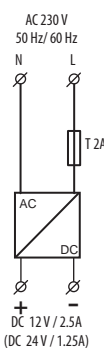
PSB-10-12  
(PSB-10-24)



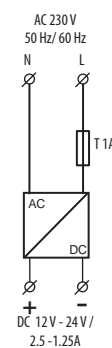
PS-10-12  
(PS-10-24)



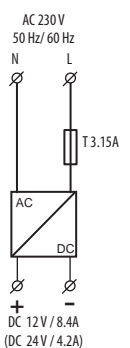
PS-30-12  
(PS-30-24)



PS-30-R



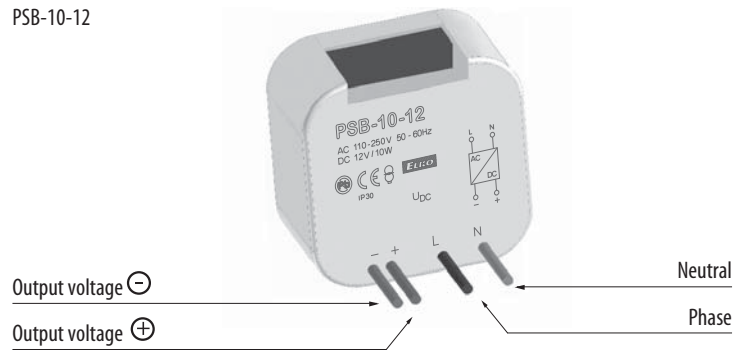
PS-100-12  
(PS-100-24)



## Connection

PSB-10-12 / PSB-10-24  
designated for installation into  
an installation box. Suitable for  
controlling of lighting sources,  
thermo valves, shutter engines, etc..

PSB-10-12



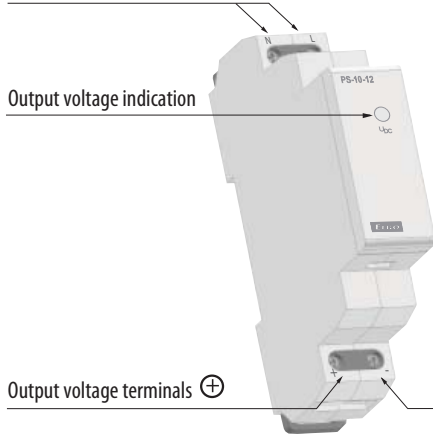
PS-10-12

Supply terminals

Output voltage indication

Output voltage terminals +

Output voltage terminals -



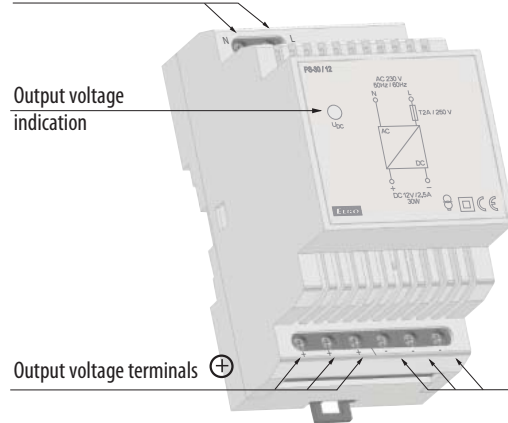
PS-30-12

Supply terminals

Output voltage indication

Output voltage terminals +

Output voltage terminals -



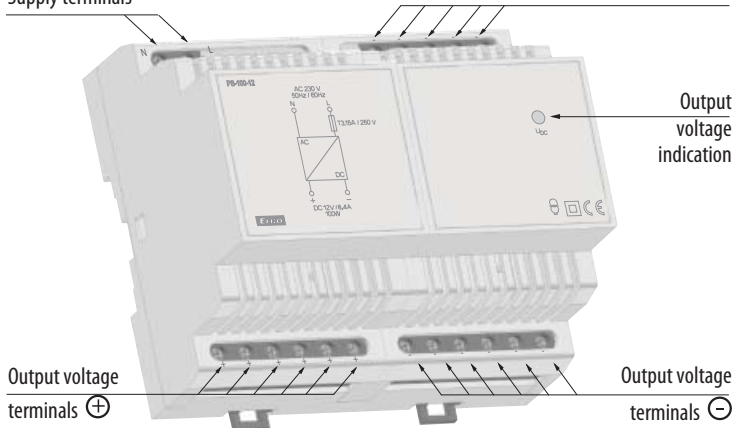
PS-100-12

Supply terminals

Output voltage terminals

Output voltage terminals +

Output voltage terminals -



PS-30-R

Supply terminals

Indication of over-load

Setting output voltage (only PS-R)

Output voltage terminals +

Output voltage indication

Output voltage terminals -

