



F&F Filipowski sp. j.
Konstantynowska 79/81, 95-200 Pabianice, POLAND
phone/fax (+48 42) 215 23 83 / (+48 42) 227 09 71
www.fif.com.pl; e-mail: biuro@fif.com.pl

ZI-20-12P

Pulse power supply,
for a flush-mounted box



Do not dispose of this device in the trash along with other waste!

According to the Law on Waste, electro coming from households free of charge and can give any amount to up to that end point of collection, as well as to store the occasion of the purchase of new equipment (in accordance with the principle of old-for-new, regardless of brand). Electro thrown in the trash or abandoned in nature, pose a threat to the environment and human health.



Purpose

The ZI-20-12P power supply is designed for supplying low-voltage LED lamps.

Features

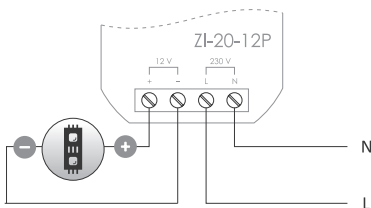
- » European range of input voltage values;
- » Installation in $\varnothing 60$ flush-mounted box;
- » High stability of the output voltage;
- » Protection: overload, thermal;
- » II protection class.

Protection

- » **overload:** in case of overload or short circuit, the output voltage is automatically disconnected. The power supply cyclically attempts to turn on the power supply and when the cause of protection activation ceases, the rated supply voltage is restored;

» **thermal:** cuts off the output voltage; when the temperature drops to a safe value, the output voltage will be restored.

Wiring diagram



Technical data

input voltage	180÷264 V AC
output voltage	12 V DC
maximum load current	1.7 A
starting current	40 A/20 ms
leakage current	1 mA
output power	20 W
efficiency	82%
output voltage stabilization	
when changing the output voltage	±2%
when changing the output current	±3%
overload	140÷160% Iout/10 s
thermal protection threshold	135÷150°C
working temperature	-20÷35°C
terminal	2.5 mm ² screw terminals
tightening torque	0.4 Nm
dimensions	∅54 (48×43 mm), h= 25 mm
mounting	in flush mounted ∅60
ingress protection	IP20

Warranty

F&F products are covered by a 24-month warranty from the date of purchase. The warranty is only valid with proof of purchase. Contact your dealer or contact us directly.

CE declaration

F&F Filipowski sp. j. declares that the device is in conformity with the essential requirements of The Low Voltage Directive (LVD) 2014/35/EU and the Electromagnetic Compatibility (EMC) Directive 2014/30/UE.

The CE Declaration of Conformity, along with the references to the standards in relation to which conformity is declared, can be found at www.fif.com.pl from the product subpage.