

DIN rail stabilized power supply unit

- output power 3,1 W

INPUT VOLTAGE	OUTPUT VOLTAGE
<ul style="list-style-type: none">□ 230 V AC +20% / -15%	<ul style="list-style-type: none">□ 24 V DC max. 130mA□ 12 VDC max. 130mA
DESCRIPTION	
DIN rail stabilized power supply ZPN2 is designed for sensors, converters, relays, etc... power supply.	
Stabilized power supply ZPN2 is built into a plastic box (in 53mm width module) for DIN rail mounting..	
<u>Stabilized power supply ZPN2:</u>	
<ul style="list-style-type: none">□ has a protection against permanent output short circuit□ is in SELV category□ has dual isolation	
<u>Stabilized power supply ZPN2 converts alternating voltage 230 VAC to :</u>	
<ul style="list-style-type: none">□ stabilized 24V DC @ max. 130mA□ stabilized 12V DC @ max. 130mA	
Power supply uses linear regulation on secondary side of transformer. It isn't switching power supply.	
<u>Notice:</u>	
<ul style="list-style-type: none">○ Safety requirements for electrical devices :<ul style="list-style-type: none">▪ due ČSN EN 61010-1 + A2▪ safety class II	

TECHNICKÉ DATA	
Input voltage	230 V AC +20% / -15% , 50Hz
Primary protection	T 50 mA FUSE
Secondary protection	Electronic protection against continous output short circuit
Output power	3,1 Watt
Output voltage	24 V DC (+/- 5%) @ max. 130mA 12 V DC (+/- 5%) @ max. 130mA
Output voltage ripple	Max. 20 mV @ max. consumption 130 mA
Dimensions	53 x 90 x 58 mm (w x h x d)
Mounting	DIN rail mounting
Enclosure	IP 20
Wiring connection	Terminal strip – max. conductor cross-section 2,5 mm
Weight	250 g
Operation	CONTINOUS RUN <i>Installation must contains some power-off switch or building distribution circuit-breaker (e.g. power-off switch in switchboard or main distribution circuit-breaker)</i>
Operating temp.	0 to +50 °C <i>from 40°C to 50°C is necessary to reduce output power @ 2% per °C</i>
Operating humidity	10% to 80% RH – w/out condensation

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