



## ПСН-220АС-24-20 (ВПТС.426424.016-03)

Switched power supply  
 Input voltage 220 VAC  
 Output voltage 24 VDC  
 Output power 500 W  
 DIN-rail or mounting panel installation  
 Transportation design M25

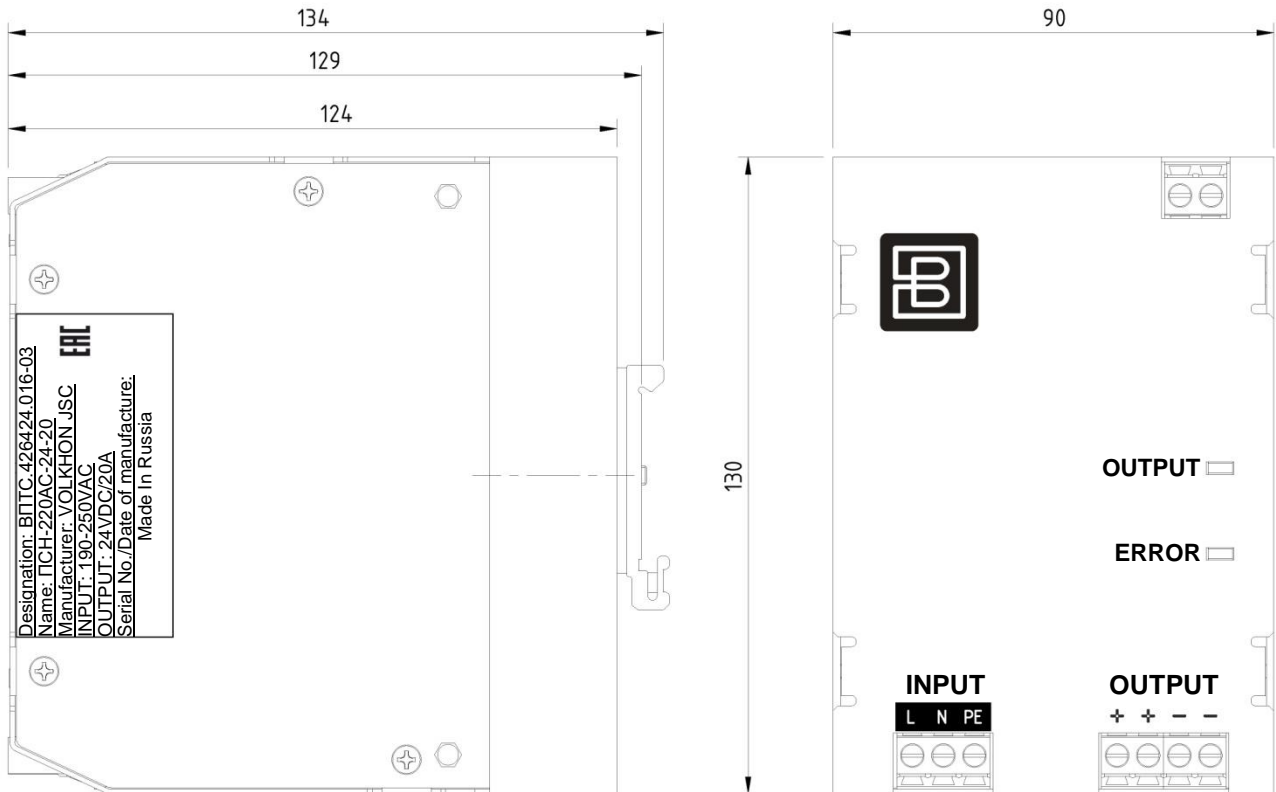
### Features

- Making of modern components, based on the modular design
- Russian design and manufacture
- The solution has been developed on the rolling stock of Russian Railways
- Output galvanic isolation
- Input overvoltage protection
- Output short circuit protection
- Limiting of input capacitors charge current
- Low level of generated conducted and inductive interference
- Rolling stock mechanical and climatic design
- Certificate of Conformity TR CU 001/2011

### Specifications

Name	Value
Effective value of AC supply voltage 50 Hz	190 to 250 V
DC output voltage	24 ± 1 V
Output power	480 W
Efficiency	90% min
Rated, continuous output current	20 ± 1 A
Starting current	2 A, max
Short circuit protection	load trip
Input pulse interference protection	up to 450 V, 50 ± 1 μs
Output voltage ripple	± 100 mV, max
Operating temperature	-50 °C to +50 °C
Service life	20 years
Protection level	IP20
Unit weight	2 ± 0.1 kg, max
Overall dimensions (HxWxD)	130 x 90 x 129
Structural design category	M25

**Outline drawing**



**Connection Diagram**

