



## ПЧ-110DC-24-4.2 (ВПТС.426424.001-06)

Switched power supply  
 Input voltage 110 VDC  
 Output voltage 24 VDC  
 Output power 100 W  
 DIN-rail or mounting panel installation  
 Transportation design M25

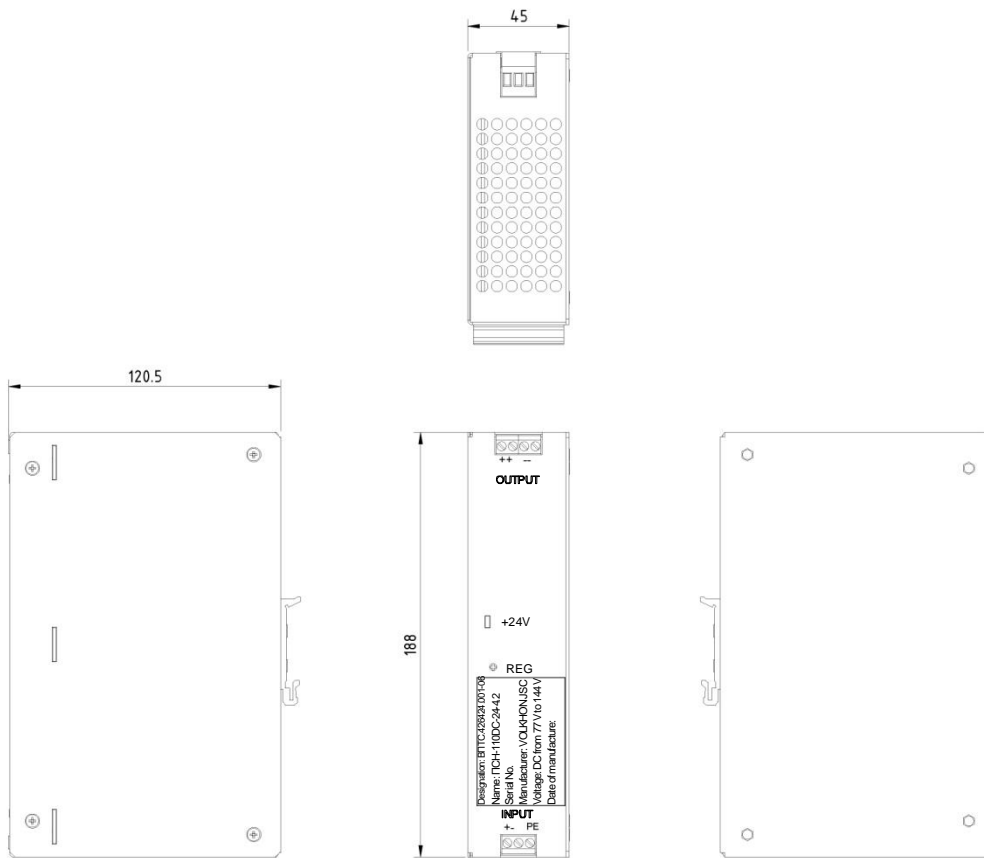
### Features

- 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
DC supply voltage 110 V	77 to 144 V
DC output voltage	24±1 V
Output power	100 W
Efficiency	90% min
Rated, continuous output current	4.2 ± 0.2 A
Starting current	2 A, max
Short circuit protection	load trip
Input pulse interference protection	up to 250 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, max	1 ± 0.1 kg, max
Overall dimensions (HxWxD)	188 x 45 x 123.5
Structural design category	M25

**Outline drawing**



**Connection Diagram**

