



ПЧ-220AC-220AC-500 (ВПТС.426424.001-13)

Voltage stabilizer
 Input voltage 220 VAC
 Output voltage 220 VAC
 Output power 1100 VA
 DIN-rail mounting
 Transportation design M25

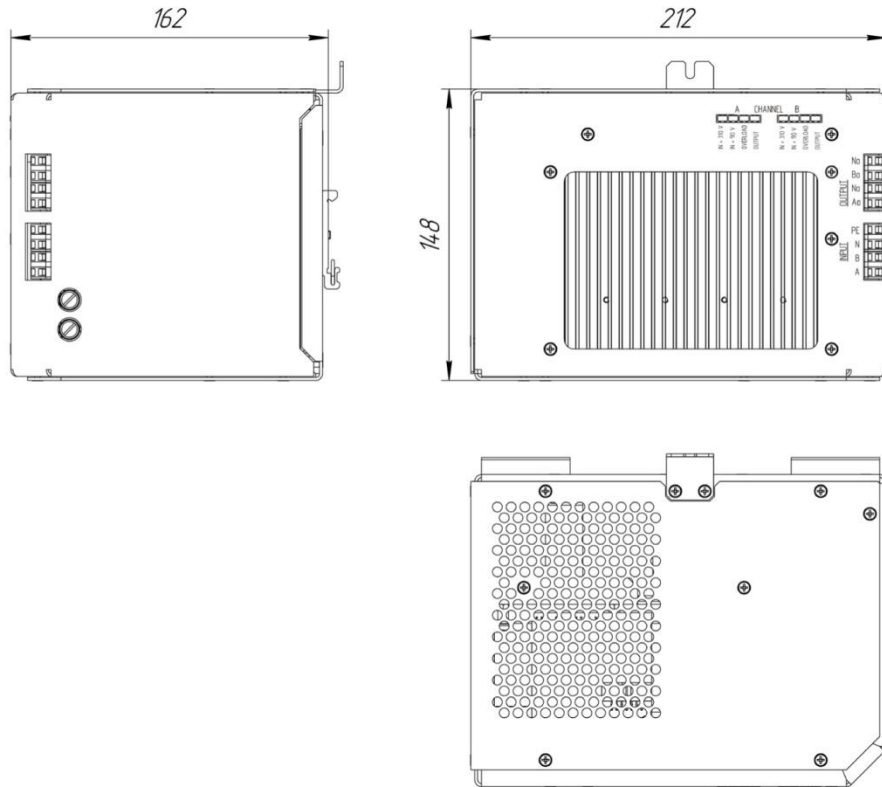
Features

- 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
- 2 stabilization channels
- Indication of increased / decreased supply voltage
- 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
- The design is according to the current technical specifications certified in accordance with TR CU 001/2011

Specifications

Name	Value
Effective value of AC supply voltage 50 Hz	130 to 350 V
Effective value of AC output voltage 50 Hz	220 V (180-240 V)
Output power	1100 VA
Efficiency	90% min
Rated continuous output current (each channel)	2.3 ± 0.1 A
Starting current	4 A max
Converter switching off when supply voltage is applied	311 V and over
Short circuit protection	load trip
Input pulse interference protection	up to 450 V, 50± 1 μs
Overheating protection	yes
Output voltage ripple	±100 mV, max
Operating temperature	-40 °C to +60 °C
Service life	20 years
Protection level	IP20
Unit weight	4 kg, max
Overall dimensions (HxWxD)	148 x 212 x 162
Structural design category	M25

Outline drawing



Connection Diagram

