



ПЧ-110 DC-24-3(6) (ВПТС.426424.001-08)

Switched power supply
 Input voltage 110 VDC
 Output voltage 24 VDC, 6 channels
 Output power 75 W/channel
 DIN-rail or mounting panel installation
 Transportation design M25

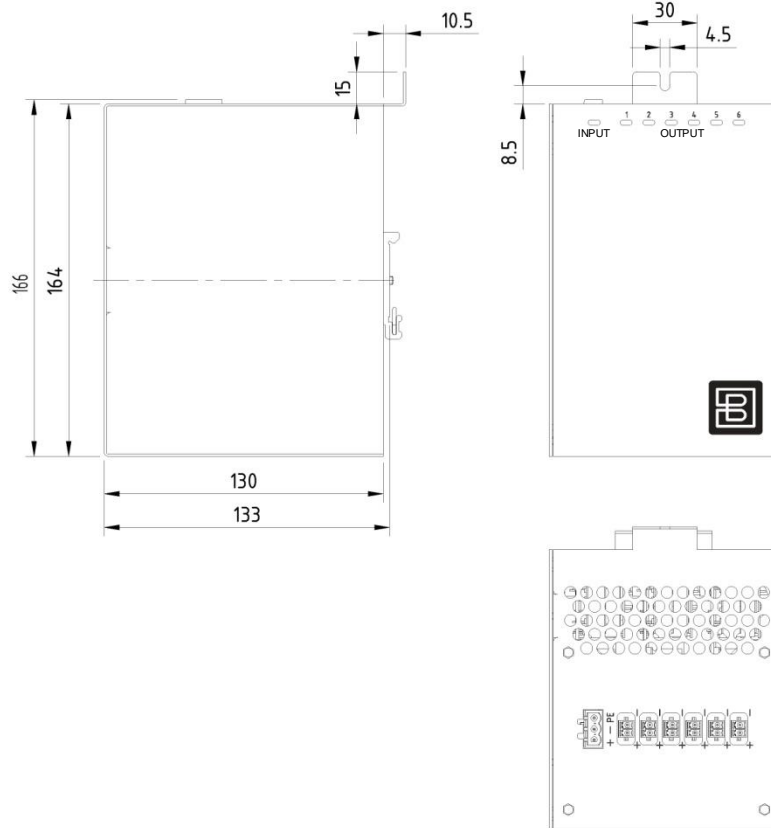
Features

- 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, six isolated outputs
- 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, 6 channels	24 ± 1 V
Output power per one channel	75 W
Efficiency	90% min
Rated continuous current of one output channel	3 ± 0.15 A
Starting current	12 A max
Short circuit protection	load trip
Input pulse interference protection	up to 600 V, 10 μs
Output voltage ripple	± 100 mV, max
Operating temperature	-50 °C to +70 °C
Service life	20 years
Protection level	IP20
Unit weight, max	2 ± 0.1 kg, max
Overall dimensions (HxWxD)	166 x 108 x 133
Structural design category	M25

Outline drawing



Connection Diagram

