



**ПЧ-80DC-05-3**  
**(ВПТС.426424.001-09)**

**Switched power supply**  
**Input voltage 75..90 VDC**  
**Output voltage 5 VDC**  
**Output power 15 W**  
**DIN-rail or mounting panel installation**  
**Transportation design M25**

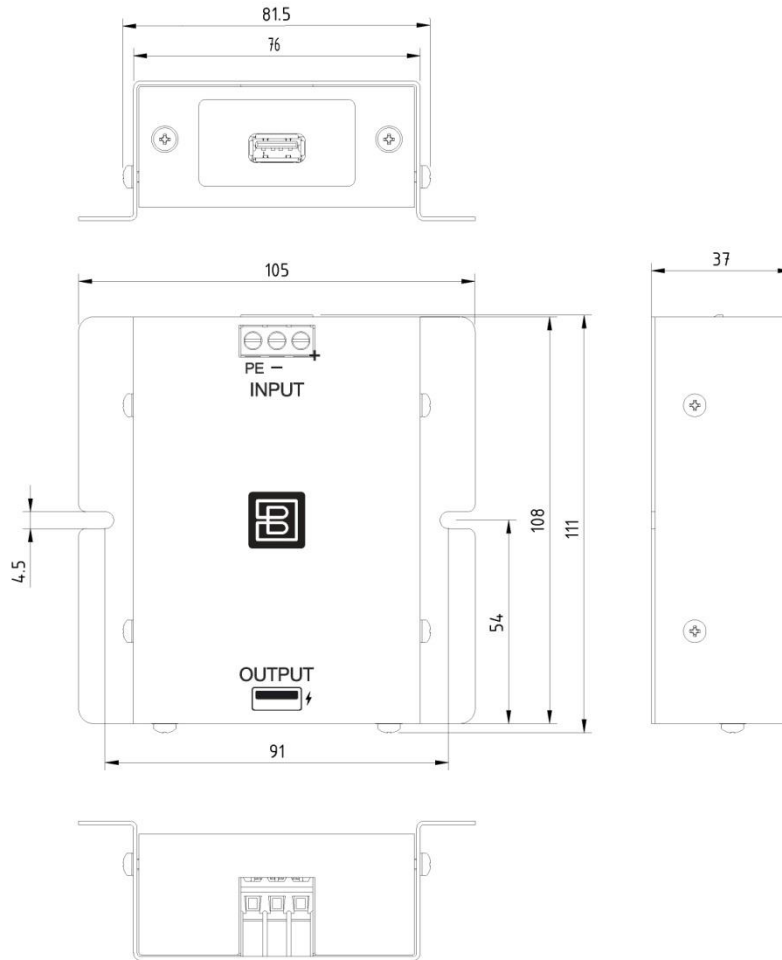
## Features

- Making of modern components
- Russian design and manufacture
- The solution has been developed on the rolling stock of Russian Railways
- Output galvanic isolation
- Input overvoltage protection
- Output shut off at low input voltage
- 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

## Name

Наименование	Value
DC supply voltage	75 to 90 V
DC output voltage	5.00±0.25 V
Output power	15 W
Efficiency	90% min
Rated, continuous output current	3.00 ± 0.15 A
Starting current	1 A, max
Short circuit protection	load trip
Input pulse interference protection	up to 250 V, 50 µs
Output voltage ripple	±100 mV, max
Load disconnection at input voltage, less than	75±1 V
Operating temperature	-50 °C to +50 °C
Service life	20 years
Protection level	IP20
Unit weight	0.3 ± 0.05 kg max
Overall dimensions (HxWxD)	108 x 105 x 37
Structural design category	M25

**Outline drawing**



**Connection diagram**

