



JN400/3000

MULTISYSTEM AUXILIARY CONVERTER OF MODULAR CONCEPTION



Efficiency > 82 %



Total nominal output power – 60 kW



Modular system

The equipment is designed for in-house simulation of RIC voltages according to UIC 550 standard. It is used for testing purposes of auxiliary converters, heating elements of warm-air furnace, voltage selectors, high voltage contactors etc.

JN 400/3000 is used in the phase of development, type testing and routine testing as well as in case when it is necessary to perform such tests on equipment already installed on coach or locomotive.

Input: Because the equipment is designed for in-house usage, the input voltage is the standard network voltage of 3 x 400V, 50 Hz available in the factory, workshop or laboratory.

Output: Output voltages comply to UIC standards, so the tested equipment is proofed for international operation. Total nominal output power of the high voltage power supply for testing purposes is 60 kW.

Other data:

Efficiency	> 82%
Ambient temperature	0°C to + 35°C
Cooling	internal air circulation
Dimensions (width x depth x high):	
LV and HV distribution box	3000 x 600 x 2000 mm
Transformers	632 x 451 X 912 mm
Weight:	
LV and HV distribution box	1291 kg
Transformers	605 kg, 605 kg