



Auxiliaries Converter Kiepe AU 120.01

FOR MODERNISATION OF A CLASS 321 EMU, UK

POWERFUL AND EFFICIENT ON-BOARD POWER SUPPLY FOR REGIONAL AND COMMUTER TRAINS

- Medium-frequency electrical isolation
- Internal redundant design with parallel connection
- Adaptation to existing vehicle interfaces
- Reliable compatibility with Network Rail's strict requirements for interference current
- Fast and easy maintenance due to modular design
- Compatible with RIA 12

KIEPEELECTRIC



TECHNICAL DATA

Electrical data

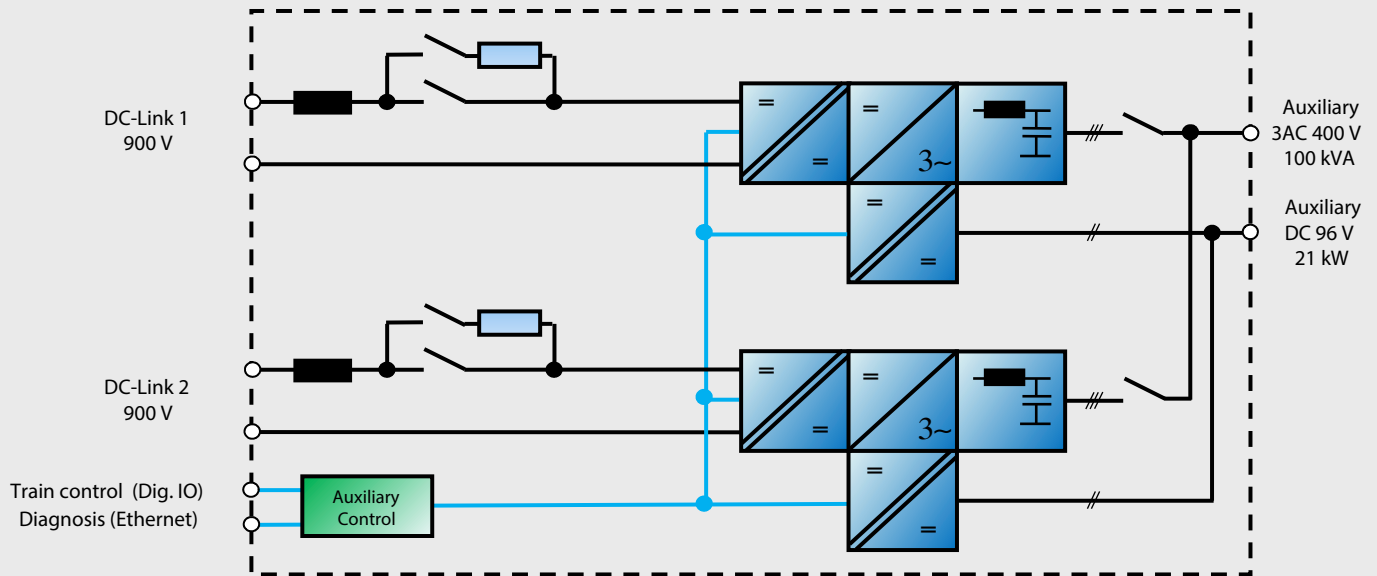
Input	
Nominal voltage	900V DC (via intermediate traction circuit)
Motor output	
Nominal voltage	3AC 400V
Frequency	50Hz
Nominal power	100 kVA
Harmonic factor	< 7%
Auxiliaries DC output	
Nominal voltage	96V DC
Battery charging voltage	Temperature-dependent characteristic
Nominal power	21 kW

Mechanical data

Dimensions (length x width x height) (without terminal box, clamping shoes)	2500 mm x 2000 mm x 600 mm
Weight	approx. 1350 kg
Place of installation	Underfloor
Cooling	Forced air cooling
Degree of protection	IP 54
Temperature range	-25 °C to +45 °C

Subject to modifications

BLOCK DIAGRAM



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