

Main Drive Converter PGP-130 for Tramcar



The **PGP-130** power converter is used, together with the AC motors and the VCU/TMK 2200 vehicle control unit, for powering low-floor tramcar TMK 2200. It can also be used as the main drive for urban transport vehicles such as underground trains and trolley buses.

BASIC CONVERTER FEATURES

- three-phase voltage source IGBT inverter with high switching frequency
- multiprocessor and DSP based control system
- two braking choppers
- input contactors with precharging unit
- input filter
- control and supervision system

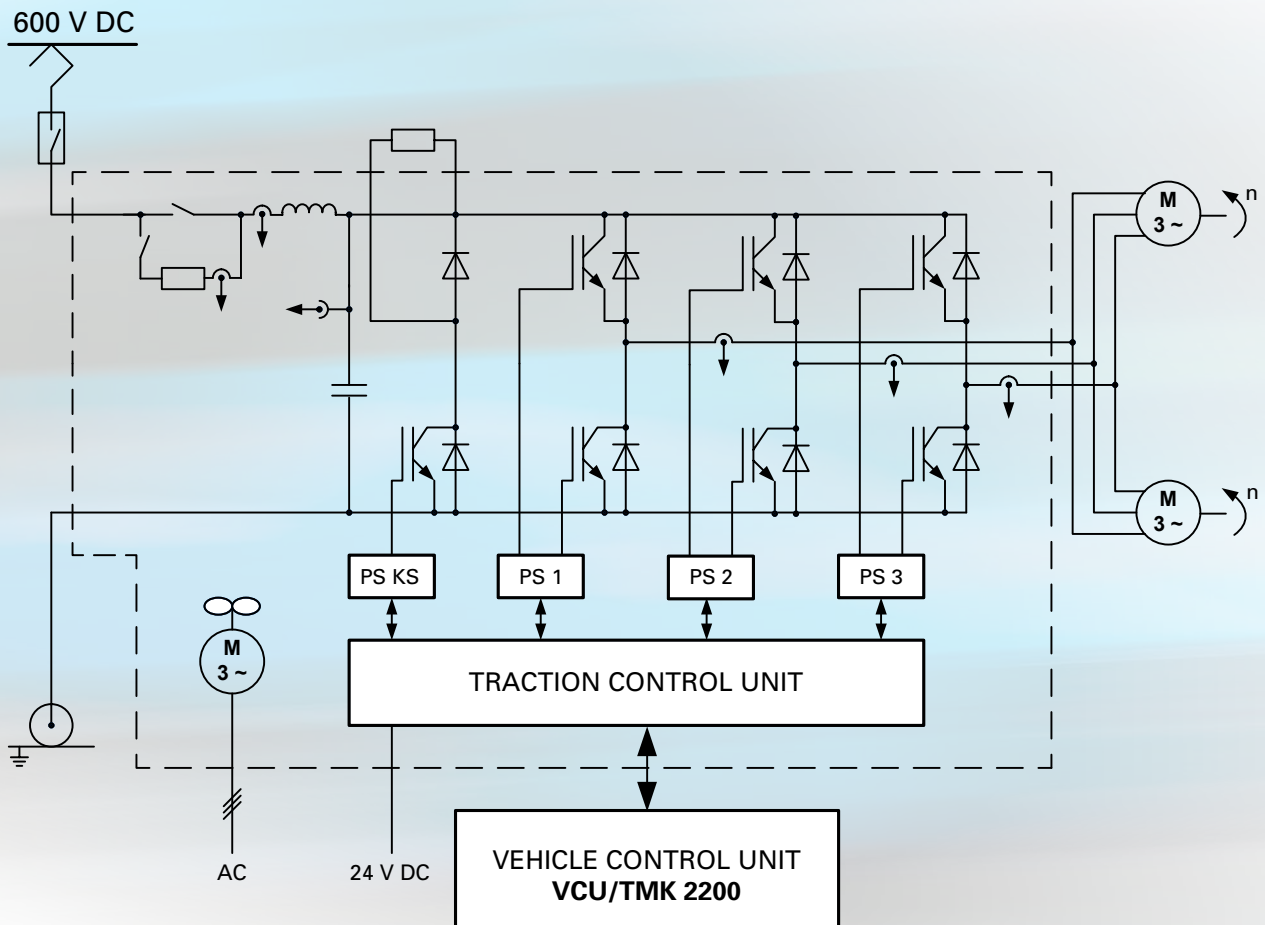


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TECHNICAL DATA

Rated input voltage	600 V DC, +20/-30%
Rated output current	3 x 320 Arms
Max. output current	3 x 670 Arms
Size (L X W x H)	1800 x 1000 x 556 mm
Output frequency	0 ... 143 Hz
Cooling	Forced with air
Mass	420 kg



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