



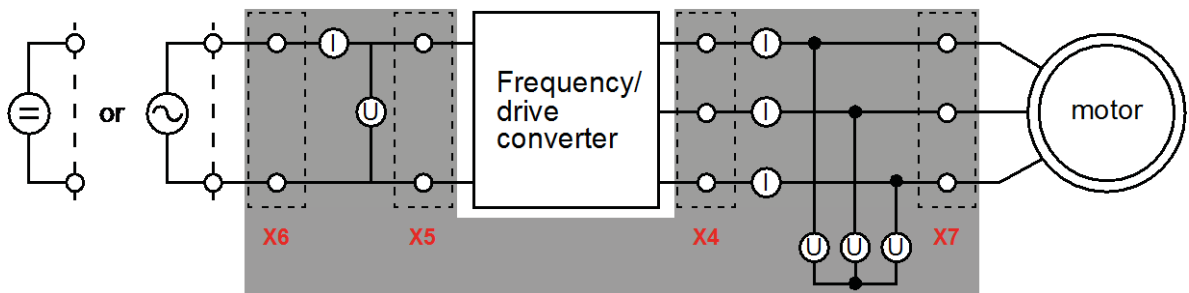
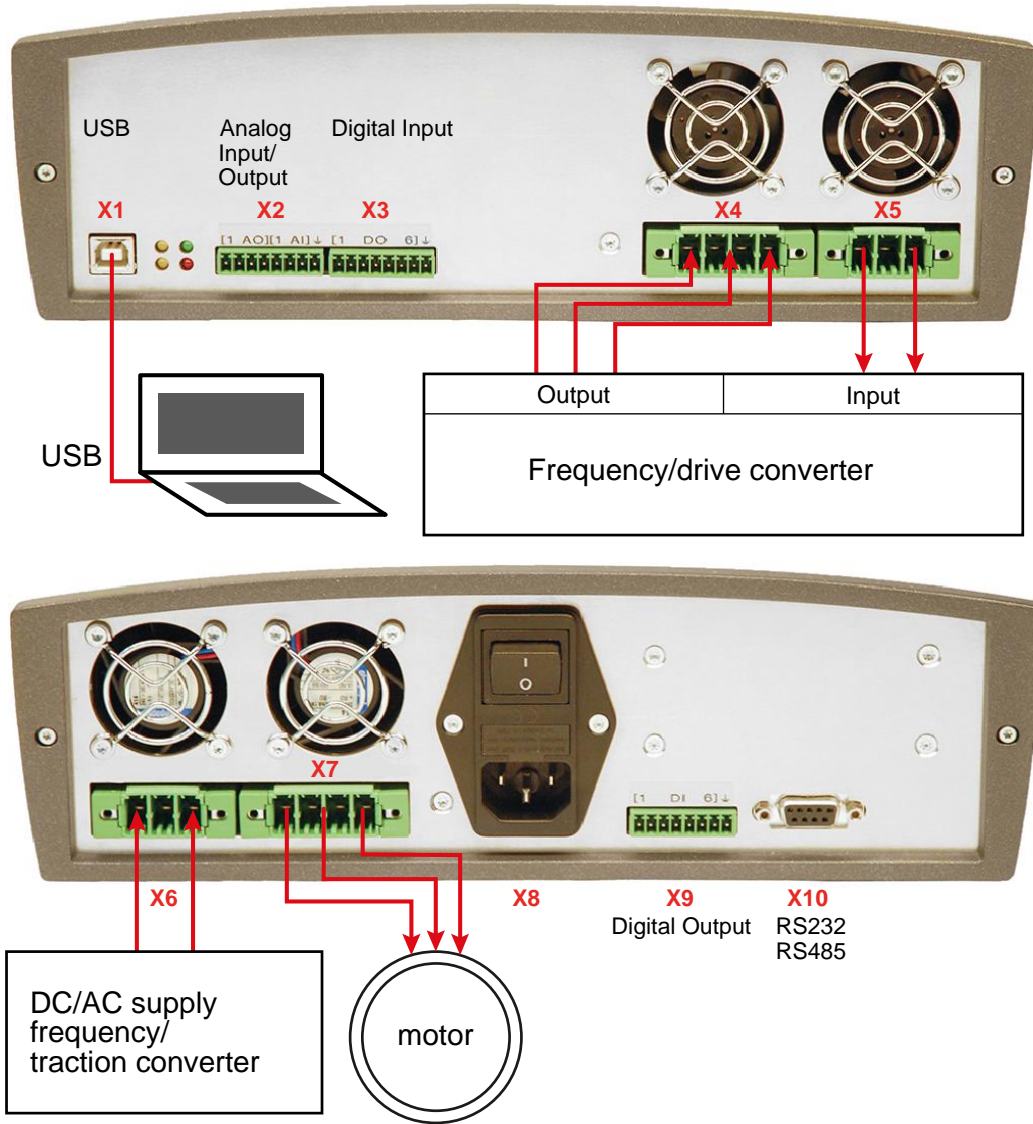
Summary

- Power Analyzer for high-speed PMSM and BLDC motors and their converters
- Simultaneous sampling of all four measuring channels
- 1 MHz bandwidth over the complete measuring range
- Integrated speed measurement up to 1 million rpm
- Data entry via PC
- Control via PC-Software CelerotonPilot® and/or DLL interface
- Measurement of RMS values, apparent, active and reactive power, power factor, $\cos(\phi)$ und fundamental wave frequency
- Very high usability
- Measuring range auto adjustable
- Display of high frequency and PWM losses
- Determination of converter and motor efficiency with one device
- Combination of several CA-450-25 possible
- Configurable digital and analog inputs/outputs
- Measuring range and design customizable
- DC voltage supply (optional)

Specifications

Voltage range per channel	+/- 450 V _{peak} / 192 V _{phrms}
Current range per channel	+/- 25 A _{peak} / 15.4 A _{rms}
Number of measuring channels (motor/converter)	3 / 1
Interfaces	USB, RS232
Voltage supply (single phase AC)	110 - 230 V _{rms} (50/60 Hz)
Dimensions	280 x 244 x 90 mm
Weight	2.6 kg

System overview



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