FRAKO

CAPACITORS FOR POWER ELECTRONICS

Be on the safe side with FRAKO

NEW!
IEC 61071

Proven FRAKO quality now available for power electronics

Their compact design achieves superior thermal stability in small physical sizes and provides you with the ideal components for applications where performance and reliability are demanded.

Suitable for all filter applications

- Supply side harmonic filters
- Load side PWM inverters
- Renewable energy inverter filters
- Frequency converter input and output filters

SOLUTIONS

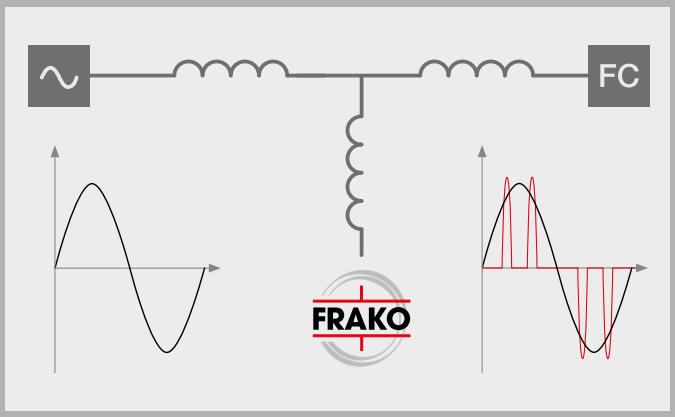
Demands on capacitors for power electronics

The power electronics capacitors used in filters are subject to large magnitudes of both current and voltage, often having fast rising PWM pulses (high dv/dt rate). Capacitor design is therefore critical for proper functioning, reliability and life expectancy of the filter.

The rugged yet compact construction of FRAKO power capacitors, based on patented technologies and offering high current and voltage withstand ratings, makes them ideal components for all those systems where reliability is of paramount importance.

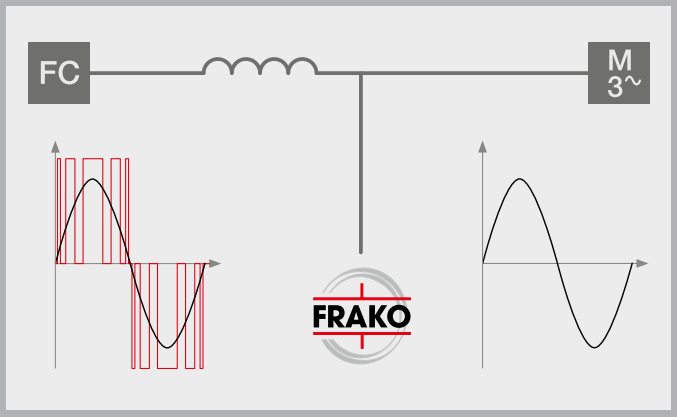
We use state-of-the-art, specialized power electronics based test equipment for simulation of real world filter applications and for development of customized designs to meet customer specific requirements. This enables our power electronics capacitors to meet all the demands placed upon them by even the most rigorous filter applications.

Supply-side filter



Filter for reducing supply-side harmonics

Load-side filter



Filter for smoothing PWM voltage

Do you have a concrete application in mind or would you like to learn more about the benefits of FRAKO power electronics capacitors? Contact us to make the most of our project expertise and experience.

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