PhaseCap Compact with extended Voltage Range

TDK-EPC, a group company of the TDK Corporation, has extended its range of power factor correction (PFC) capacitors: the EPCOS PhaseCap® Compact series now also includes types with voltages of 690, 800, 900 and 1000 V. The capacitors of the B25673A*A* series offer PFC values of between 5 kvar (50 Hz) and 33 kvar (60 Hz) at capacitance values of between 3 x 11 and 3 x 55 µF. Thanks to their compact design with diameters of only 116 and 136 mm at insertion heights of 164 and 200 mm, these capacitors are particularly useful for designing space-saving PFC systems for industrial networks.

With the new types, the PhaseCap Compact series now covers the following voltages: 230, 400, 415, 440, 480, 525, 690, 800, 900 and 1000 V. Based on the proven MKK technology these capacitors can withstand inrush currents of up to 400 times their rated current. The components are PCB-free and self-healing. An integrated overpressure disconnector en-sures additional safety. The capacitors are designed for a case temperature of 65 °C (hot spot temperature up to 85 °C) and a service life of up to 200,000 hours.

The extensive TDK-EPC product range for power factor correction comprises capacitors, contactors and chokes, in addition to controllers and thyristor modules.

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