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## Products

### New B3237\* series of PEC MKD AC capacitors replaces the B3236\* series

The improved MKD AC single phase series B3237\* of EPCOS power capacitors for AC filtering in industrial applications will replace the existing series B3236\*. The new series B3237\* is based on metalized film and features improved thermal dissipation design, terminal connectors and safety functionality. Therefore, it is highly recommend to only use capacitors from the B3237\* series for new design-in projects.

#### Affected series

Improved series Ordering code	Old series Ordering code
B32370*	B32361*
B32371*	B32362*
B32373*	
B32374*	

The new B3237\* series of capacitors are designed for rated AC voltages of 250 V<sub>RMS</sub> to 1000 V<sub>RMS</sub> and are available with capacitance values ranging from 5 µF to 600 µF. Depending on the type, the capacitors are designed for currents of up to 60 A<sub>RMS</sub> with a hot-spot temperature of 85 °C. The service life is approximately 100,000 hours at the rated voltage according to IEC 61071, with a maximum capacitance drop of 3% of the original value.

The capacitors are housed in robust aluminum cans with M12 bolts on the bottom. Depending on the type, the capacitors have diameters ranging from 50 mm to 136 mm and heights from 64.5 mm to 245 mm. The capacitors are designed for an operating temperature range of -40 °C to +70 °C. They are UL listed and have an internal overpressure breakaway that separates the capacitor winding element from the terminal connectors.

The new capacitors are typically used as output filters in frequency converters for industrial electronics applications, photovoltaic systems and uninterruptible power supplies.

You can find further information on the products at [www.tdk-electronics.tdk.com/en/power\\_capacitors](http://www.tdk-electronics.tdk.com/en/power_capacitors)

**Contact** Nicolas Faundes, CAP FILM I&A MKP PM, Munich

**Customers are asked to address inquiries directly to their sales contacts.**

#### TDK Electronics AG

Rosenheimer Strasse 141 e, 81671 Munich · Post: P.O.Box 80 17 09, 81617 Munich, Germany  
 Headquarters: Munich · Commercial register of the local court (Amtsgericht): Munich HRB 127250  
 Chairman of the Supervisory Board: Dr. Werner Faber  
 Management Board: Joachim Zichlarz, Chairman · Joachim Thiele · Dr. Werner Lohwasser  
[www.tdk-electronics.tdk.com](http://www.tdk-electronics.tdk.com)

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