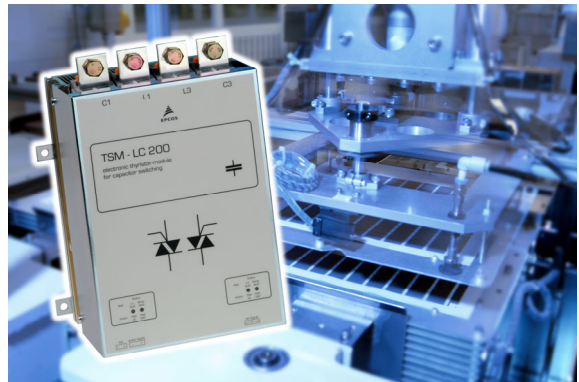


Press Release for the Trade Press

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Dynamic power factor correction: Thyristor modules for industrial networks

EPCOS has expanded its range of TSM series of thyristor modules to include the TSM-HV50 and TSM-LC200 types. The TSM-HV50 was developed especially for industrial networks rated 690 V and is designed for capacitive loads of up to 50 kvar. The TSM-LC200 power thyristor module was designed for the usual voltages of 380 or 400 V and is able to switch capacitive loads of up to 200 kvar.



The switching times of both modules are in the region of only 5 ms. The thyristor switches enable the power factor correction (PFC) capacitors to be switched silently and without wear, ensuring a longer life. In addition there is no feedback to the grid in the form of transients.

The microprocessor control provides automatic matching to PFC capacitor branches with or without detuned harmonic filters with a detuning factor of up to 14 percent. The modules feature an automatic function for monitoring voltage, phase and temperature. Status indication is by LEDs.

With these additions to the product range, EPCOS now offers numerous products without which dynamic PFC is not possible. These include five series of PFC capacitors (PhaseCap®, PhaseCap HD, WindCap®, PhiCap, MKV capacitors), the power factor controller BR6000T, and the proven thyristor modules TSM-LC25 and TSM-LC50.

You can download the text of this press release from www.epcos.com/tradepress
Further information on the products presented here will be found at www.epcos.com/pfc

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