

May 28, 2010

PTC thermistors**Expiration of IECQ certificate and the VDE design approval for individual PTC thermistors for overcurrent protection**

The "IECQ certificate with ID no. 101-QA-2 IECQ – Edition 5: 2008/2" as well as the "VDE design approval with ID no. 104843 – last change 2008-02-28" for the PTC thermistors for overcurrent protection listed below will expire as of March 31, 2011:

The components affected by this change will continue to be available. No product changes will be made.

No replacement type with VDE design approval is planned for the material numbers listed in **Table 1** below:

Ordering code
B59930C0080A*
B59935C0120A*
B59930C0120A*
B59910C0130A*
B59585B1150A*
B59165C1150A*
B59935C0160A*
B59930C0160A*
B59830C0080A*
B59830C0120A*
B59810C0130A*
B59811C0135A*
B59831C0135A*
B59830C0160A*

For the types listed in **Table 2** below, an electrically identical, but non-encapsulated replacement type is available, which has a VDE design approval. Please contact your local sales office.

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Table 2:

Ordering code	Ordering code
B59945C0120A*	B59960C0160A*
B59955C0120A*	B59970C0160A*
B59965C0120A*	B59840C0120A*
B59975C0120A*	B59850C0120A*
B59985C0120A*	B59860C0120A*
B59995C0120A*	B59870C0120A*
B59940C0120A*	B59872C0120A*
B59950C0120A*	B59873C0120A*
B59960C0120A*	B59874C0120A*
B59970C0120A*	B59875C0120A*
B59980C0120A*	B59830C0130A*
B59990C0120A*	B59840C0130A*
B59930C0130A*	B59850C0130A*
B59940C0130A*	B59860C0130A*
B59950C0130A*	B59841C0135A*
B59960C0130A*	B59851C0135A*
B59945C0160A*	B59861C0135A*
B59955C0160A*	B59871C0135A*
B59965C0160A*	B59840C0160A*
B59975C0160A*	B59850C0160A*
B59940C0160A*	B59860C0160A*
B59950C0160A*	B59870C0160A*

Justification

The IECQ certificate as well as the VDE design approval were issued on the basis of a test to IEC 60738-1: 1998-11 and IEC 60738-1-1:1998-12.

With the publication of IEC 60738-1 (2009-07): Ed. 3.1: “Thermistors – Directly heated positive temperature coefficient – Part 1: Generic specification”, the test basis for the IECQ certificate as well as VDE design approval have changed. The products listed here do not satisfy the new test basis in all points. This is why the certificates will become invalid on March 31, 2011.

Contact Nikias Meyer, PPD PTC PM, Munich

Customers should kindly address inquiries directly to their sales contacts.