August 29, 2025

PCN
Change of marking method for PTC thermistors

In order to improve the quality of product labeling with more modern technology, the PTC Hot Air Line (PTC inrush current limiters and PTC thermistors for overcurrent protection) will transition from inkjet printing to laser marking. Laser marking offers improved processability, more intelligent machine operation, and better readability.

The change described does not affect the function, quality, or reliability of the products in question.

Affected products

Ordering code	Type
B59412C1130B070	PTC Inrush Current Limiters
B59412C1130B110	PTC Inrush Current Limiters
B59412U1130B040	PTC Inrush Current Limiters
B59412U1130B070	PTC Inrush Current Limiters
B59441C1130A110	PTC Inrush Current Limiters
B59451C1130A110	PTC Inrush Current Limiters
B59451C1130B054	PTC Inrush Current Limiters
B59451C1130B151	PTC Inrush Current Limiters
B59451U1130A040	PTC Inrush Current Limiters
B59451U1130A070	PTC Inrush Current Limiters
B59451U1130A110	PTC Inrush Current Limiters
B59451U1130B040	PTC Inrush Current Limiters
B59452U1135A040	PTC Inrush Current Limiters
B59750C0120A070	PTC Inrush Current Limiters
B59750C0120B051	PTC Inrush Current Limiters
B59750C0120B070	PTC Inrush Current Limiters
B59751C0120A070	PTC Inrush Current Limiters
B59751C0120B040	PTC Inrush Current Limiters
B59751U0120A040	PTC Inrush Current Limiters
B59752C0120A051	PTC Inrush Current Limiters
B59752C0120A070	PTC Inrush Current Limiters
B59752C0120B040	PTC Inrush Current Limiters
B59753C0120A040	PTC Inrush Current Limiters
B59753U0120B110	PTC Inrush Current Limiters
B59754C0120A051	PTC Inrush Current Limiters
B59773C0120A051	PTC Inrush Current Limiters
B59773C0120B051	PTC Inrush Current Limiters
B59810C0120A070	PTC Thermistors for Overcurrent Protection
B59810C0130A070	PTC Thermistors for Overcurrent Protection

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: Joachim Zichlarz
Management Board: Dr. Werner Lohwasser, Chairman · Juergen Holzinger
www.tdk-electronics.tdk.com

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B59810C0160A070	PTC Thermistors for Overcurrent Protection
B59811C0135A070	PTC Thermistors for Overcurrent Protection
B59830C0120A070	PTC Thermistors for Overcurrent Protection
B59830C0130A070	PTC Thermistors for Overcurrent Protection
B59830C0160A070	PTC Thermistors for Overcurrent Protection
B59840C0080A054	PTC Thermistors for Overcurrent Protection
B59840C0080A070	PTC Thermistors for Overcurrent Protection
B59840C0120A070	PTC Thermistors for Overcurrent Protection
B59840C0160A070	PTC Thermistors for Overcurrent Protection
B59841C0135A040	PTC Thermistors for Overcurrent Protection
B59860C0120A554	PTC Thermistors for Overcurrent Protection
B59910C0130A070	PTC Thermistors for Overcurrent Protection
B59930C0120A070	PTC Thermistors for Overcurrent Protection
B59935C0120A051	PTC Thermistors for Overcurrent Protection
B59935C0120A070	PTC Thermistors for Overcurrent Protection

Scheduled date of change: December 15, 2025
Estimated date of first deliveries: December 15, 2025
(or earlier, with written approval by the customer)

Enclosure: PCN (ID No. PPD004/T130)

Contact: Libor Hojka, PPD BA PM, Kutina

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

Product / Process Change Notification

1. ID No. PPD004/T130		**2. Date of announcement** August 29, 2025	
3. Product / product group PTC thermistors	**Old ordering code** See enclosed list	**New ordering code** No change	**Customer part number**

4. Description of change

TDK always aims to deliver the products with better quality. Based on the mature production technology of PTC thermistors for many years, TDK PTC Hot air line plans to change from ink printing to laser marking for optimized product marking with more advanced technology. The ink priniting technology is obsolete and the producer of the printing machine has announced EOL for spare parts.

5. Effect on the product or for the customer (benefit, quality, specification, lead time)

Laser marking has the characteristics of better process capability, smarter machine operation, better readability. Described change has no impact on function, quality, or reliability of subject products.

6. Quality assurance measures / risk assessment

- Release of all affected processes and equipment according to IATF 16949
- Intensive training program for the production personnel
- Production plant in Zhuhai FTZ China is certified according to IATF 16949
- Intensified process control and outgoing inspection during the ramp-up phase

7. Scheduled date of change December 15, 2025

8. Estimated date of first delivery of changed product December 15, 2025

If TDK Electronics AG does not receive notification to the contrary within a period of 10 weeks, TDK Electronics AG assumes that the customer agrees to the change.

☒ For an interim period we cannot rule out that old as well as new products will be shipped.

☒ Future shipments can consist of old and new products as the new changed product is used as an alternative to the old product.

Quality Management
Name Johann Reiterer
Signature
Signed Reiterer

Product Marketing
Name Libor Hojka
Tel. +385 44 566 070
E-mail Libor.Hojka@tdk.com
Signature
Signed Hojka

Customer feedback

Customer acknowledgement Signature