September 25, 2026

PCN
Second source of coating material for PTC thermistors

To further optimize the supply chain and avoid potential delivery disruptions, TDK is introducing a second source of coating material for PTC thermistors listed below. This change will have no impact on quality, reliability, solderability, lead time, or processability of the affected products. Thermistors with the new coating meet the data sheet specifications.

Affected products

Ordering code	Type
B59100C0110A070	PTC Limit Temperature Sensors
B59100C0120A070	PTC Limit Temperature Sensors
B59100C0130A070	PTC Limit Temperature Sensors
B59100M1060A070	Motor Protection Sensors
B59100M1100A070	Motor Protection Sensors
B59100M1110A070	Motor Protection Sensors
B59100M1120A070	Motor Protection Sensors
B59100M1130A070	Motor Protection Sensors
B59100M1130B012	Motor Protection Sensors
B59100M1140A070	Motor Protection Sensors
B59100M1150A070	Motor Protection Sensors
B59100M1155A070	Motor Protection Sensors
B59100M1180A070	Motor Protection Sensors
B59212S1130A054	PTC Thermistors for Overcurrent Protection
B59212S1130B054	PTC Thermistors for Overcurrent Protection
B59218S1130B054	PTC Thermistors for Overcurrent Protection
B59251U1080B051	PTC Thermistors for Overcurrent Protection
B59300M1130A070	Motor Protection Sensors
B59300M1140A070	Motor Protection Sensors
B59300M1150A070	Motor Protection Sensors
B59412C1130A054	PTC Inrush Current Limiters
B59412C1130A070	PTC Inrush Current Limiters
B59412C1130B070	PTC Inrush Current Limiters
B59412U1130B070	PTC Inrush Current Limiters
B59441C1130A110	PTC Inrush Current Limiters
B59451C1130B070	PTC Inrush Current Limiters
B59451U1130B054	PTC Inrush Current Limiters
B59750C0120A054	PTC Inrush Current Limiters
B59750C0120A070	PTC Inrush Current Limiters
B59751C0120A051	PTC Inrush Current Limiters
B59751C0120A054	PTC Inrush Current Limiters
B59751C0120A070	PTC Inrush Current Limiters
B59751U0120B054	PTC Inrush Current Limiters
B59752C0120A054	PTC Inrush Current Limiters
B59752C0120A070	PTC Inrush Current Limiters

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B59771C0120A051	PTC Inrush Current Limiters
B59772C0120A054	PTC Inrush Current Limiters
B59830C0160A070	PTC Thermistors for Overcurrent Protection
B59840C0130A070	PTC Thermistors for Overcurrent Protection
B59860C0120A054	PTC Thermistors for Overcurrent Protection
B59860C0120A070	PTC Thermistors for Overcurrent Protection
B59860C0130A070	PTC Thermistors for Overcurrent Protection
B59860C0160A070	PTC Thermistors for Overcurrent Protection
B59870C0120A070	PTC Thermistors for Overcurrent Protection
B59870C0130A070	PTC Thermistors for Overcurrent Protection
B59870C0160A051	PTC Thermistors for Overcurrent Protection
B59870C0160A070	PTC Thermistors for Overcurrent Protection
B59874C0120A070	PTC Thermistors for Overcurrent Protection
B59883C0120A051	PTC Thermistors for Overcurrent Protection
B59883C0120A554	PTC Thermistors for Overcurrent Protection
B59890C0120A070	PTC Thermistors for Overcurrent Protection
B59910C0130A070	PTC Thermistors for Overcurrent Protection
B59950C0120A070	PTC Thermistors for Overcurrent Protection
B59950C0120B051	PTC Thermistors for Overcurrent Protection
B59955C0120A070	PTC Thermistors for Overcurrent Protection
B59955C0160A070	PTC Thermistors for Overcurrent Protection
B59960C0120A070	PTC Thermistors for Overcurrent Protection
B59960C0130A070	PTC Thermistors for Overcurrent Protection
B59965C0120A070	PTC Thermistors for Overcurrent Protection
B59970C0120A070	PTC Thermistors for Overcurrent Protection
B59970C0130A070	PTC Thermistors for Overcurrent Protection
B59975C0120A070	PTC Thermistors for Overcurrent Protection
B59975C0160A070	PTC Thermistors for Overcurrent Protection
B59985C0120A070	PTC Thermistors for Overcurrent Protection
B59990C0120A070	PTC Thermistors for Overcurrent Protection
B59995C0120A070	PTC Thermistors for Overcurrent Protection

Sample availability: starting in October 2026

Scheduled date of change: January 11, 2027
Estimated date of first deliveries: January 11, 2027
(or earlier, with written approval by the customer)

Enclosure PCN (ID No. PPD026/T131)

Contact Libor Hojka, KT PPD BA PM, Kutina

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

Product / Process Change Notification

1. ID No. PPD026/T131		**2. Date of announcement** September 25, 2026	
3. Product / product group PTC Thermistors	**Old ordering code** see UPtoDATE	**New ordering code** N/A	**Customer part number** N/A

4. Description of change

TDK always strives to identify potential risks in supply chain. To mitigate supply chain risks and potential delivery interruptions, TDK is introducing a second source of coating material for PTC thermistors.

Samples availability: October 2026

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

This change has no impact on quality, reliability, solderability, lead time, or processability.

The thermistor coated with new coating fulfills published specifications.

All relevant product approvals according to UL, IECQ and VDE will continue to be valid after this change. The new material is flame retardant to UL94-V0 and is RoHS-compatible.

Reliability test results for representative types are available upon request.

6. Quality assurance measures / risk assessment

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

7. Scheduled date of change January 11, 2027

8. Estimated date of first delivery of changed product January 11, 2027

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	Signature
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Customer feedback

Customer acknowledgement Signature