

August 07, 2026

PCN

Additional production site in Zhuhai for front-end processes of PTC Inrush Current Limiters and PTC Thermistors

The plant in Zhuhai/China will be qualified as an additional production site alongside the factory in Šumperk/Czech Republic, serving as a second manufacturing location for front-end processes (pressing and sintering) of PTC Inrush Current Limiters and overcurrent protection PTC Thermistors. The plant in Zhuhai is already an established production site for the back-end processes of these products, including metallization, soldering, coating, and final inspection.

This change will have no impact on product quality, reliability, solderability, or processability.

Customers in the Asian market are expected to benefit from improved responsiveness to their requirements, including reduced lead times.

Samples from the front-end transfer will be available starting September 2026.

Affected products

Ordering code	Type
B59045C1120A054	PTC Thermistors for Overcurrent Protection
B59051C1155A051	PTC Inrush Current Limiters
B59051C1155A751	PTC Inrush Current Limiters
B59051C1155B051	PTC Inrush Current Limiters
B59069B1120A051	PTC Thermistors for Telecom Applications
B59073S0120B054	PTC Thermistors for Overcurrent Protection
B59115S1100B054	PTC Thermistors for Overcurrent Protection
B59154U1135B140	PTC Thermistors for Telecom Applications
B59201P1080A062	PTC Thermistors for Overcurrent Protection
B59201P1120A062	PTC Thermistors for Overcurrent Protection
B59212S1130A054	PTC Thermistors for Overcurrent Protection
B59212S1130B054	PTC Thermistors for Overcurrent Protection
B59215P1080A062	PTC Thermistors for Overcurrent Protection
B59215P1120A062	PTC Thermistors for Overcurrent Protection
B59218S1130B054	PTC Thermistors for Overcurrent Protection
B59220S1120B054	PTC Inrush Current Limiters
B59251U1080B051	PTC Thermistors as Heating Elements
B59330C1095B054	PTC Thermistors for Overcurrent Protection
B59404B0060A040	PTC Thermistors for Overcurrent Protection
B59406B0060A040	PTC Thermistors for Overcurrent Protection
B59412C1130A051	PTC Inrush Current Limiters
B59412C1130A054	PTC Inrush Current Limiters
B59412C1130A070	PTC Inrush Current Limiters
B59412C1130A110	PTC Inrush Current Limiters
B59412C1130B070	PTC Inrush Current Limiters
B59412U1130B070	PTC Inrush Current Limiters

TDK Electronics AG

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PPD

Thermistors
 Internal / External

260807PPD1e

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B59441C1130A110	PTC Inrush Current Limiters
B59451C1130A110	PTC Inrush Current Limiters
B59451C1130A170	PTC Inrush Current Limiters
B59451C1130A210	PTC Inrush Current Limiters
B59451C1130B051	PTC Inrush Current Limiters
B59451C1130B054	PTC Inrush Current Limiters
B59451C1130B070	PTC Inrush Current Limiters
B59451C1130B151	PTC Inrush Current Limiters
B59451C1130B170	PTC Inrush Current Limiters
B59451U1130A040	PTC Inrush Current Limiters
B59451U1130A110	PTC Inrush Current Limiters
B59451U1130B040	PTC Inrush Current Limiters
B59451U1130B051	PTC Inrush Current Limiters
B59451U1130B054	PTC Inrush Current Limiters
B59451U1130B110	PTC Inrush Current Limiters
B59452C1135A070	PTC Inrush Current Limiters
B59452C1135A170	PTC Inrush Current Limiters
B59452U1135A040	PTC Inrush Current Limiters
B59491C1130A051	PTC Inrush Current Limiters
B59491C1130A070	PTC Inrush Current Limiters
B59635T1120A062	PTC Thermistors for Telecom Applications
B59725T1120A062	PTC Thermistors for Telecom Applications
B59735T1120A062	PTC Thermistors for Telecom Applications
B59750B0120A051	PTC Inrush Current Limiters
B59750B0120A070	PTC Thermistors for Overcurrent Protection
B59750B0120B054	PTC Inrush Current Limiters
B59750C0120A051	PTC Inrush Current Limiters
B59750C0120A054	PTC Inrush Current Limiters
B59750C0120A070	PTC Inrush Current Limiters
B59750C0120B051	PTC Inrush Current Limiters
B59750C0120B070	PTC Inrush Current Limiters
B59750C0140A051	PTC Inrush Current Limiters
B59750C0140A070	PTC Inrush Current Limiters
B59751B0120A070	PTC Inrush Current Limiters
B59751C0120A040	PTC Inrush Current Limiters
B59751C0120A051	PTC Inrush Current Limiters
B59751C0120A054	PTC Inrush Current Limiters
B59751C0120A070	PTC Inrush Current Limiters
B59751C0140A051	PTC Inrush Current Limiters
B59751C0155A051	PTC Inrush Current Limiters
B59751C0155A070	PTC Inrush Current Limiters
B59751U0120B054	PTC Inrush Current Limiters
B59752C0120A054	PTC Inrush Current Limiters
B59752C0120A070	PTC Inrush Current Limiters
B59753C0120A051	PTC Inrush Current Limiters
B59753C0120A070	PTC Inrush Current Limiters

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B59753U0120B110	PTC Inrush Current Limiters
B59754B0120A070	PTC Inrush Current Limiters
B59754B0120A070	PTC Inrush Current Limiters
B59754C0120A070	PTC Inrush Current Limiters
B59755B0115A070	PTC Inrush Current Limiters
B59755C0115A054	PTC Inrush Current Limiters
B59755C0115A070	PTC Inrush Current Limiters
B59758B0110A070	PTC Inrush Current Limiters
B59758C0110A070	PTC Thermistors for Overcurrent Protection
B59770B0120A070	PTC Thermistors for Overcurrent Protection
B59770C0120A070	PTC Inrush Current Limiters
B59771C0120A051	PTC Inrush Current Limiters
B59771C0120A070	PTC Inrush Current Limiters
B59772C0120A054	PTC Thermistors for Overcurrent Protection
B59772C0120A070	PTC Inrush Current Limiters
B59773C0120A070	PTC Inrush Current Limiters
B59774B0115A070	PTC Thermistors for Overcurrent Protection
B59774C0115A070	PTC Inrush Current Limiters
B59810C0120A070	PTC Thermistors for Overcurrent Protection
B59810C0130A070	PTC Thermistors for Overcurrent Protection
B59830C0120A070	PTC Thermistors for Overcurrent Protection
B59830C0130A070	PTC Thermistors for Overcurrent Protection
B59830C0160A070	PTC Thermistors for Overcurrent Protection
B59840C0120A070	PTC Thermistors for Overcurrent Protection
B59840C0130A070	PTC Thermistors for Overcurrent Protection
B59840C0160A070	PTC Thermistors for Overcurrent Protection
B59850C0080A070	PTC Thermistors for Overcurrent Protection
B59850C0120A051	PTC Thermistors for Overcurrent Protection
B59850C0120A070	PTC Thermistors for Overcurrent Protection
B59850C0120A570	PTC Thermistors for Overcurrent Protection
B59850C0130A070	PTC Thermistors for Overcurrent Protection
B59850C0160A054	PTC Thermistors for Overcurrent Protection
B59850C0160A070	PTC Thermistors for Overcurrent Protection
B59860C0120A051	PTC Thermistors for Overcurrent Protection
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B59870C0080A070	PTC Thermistors for Overcurrent Protection
B59870C0120A051	PTC Thermistors for Overcurrent Protection
B59870C0120A070	PTC Thermistors for Overcurrent Protection
B59870C0130A070	PTC Thermistors for Overcurrent Protection
B59870C0160A051	PTC Thermistors for Overcurrent Protection

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B59870C0160A070	PTC Thermistors for Overcurrent Protection
B59872C0120A070	PTC Thermistors for Overcurrent Protection
B59873C0120A051	PTC Thermistors for Overcurrent Protection
B59873C0120A070	PTC Thermistors for Overcurrent Protection
B59874C0120A070	PTC Thermistors for Overcurrent Protection
B59875C0120A051	PTC Thermistors for Overcurrent Protection
B59875C0120A070	PTC Thermistors for Overcurrent Protection
B59875C0120A570	PTC Thermistors for Overcurrent Protection
B59880C0080A070	PTC Thermistors for Overcurrent Protection
B59880C0120A051	PTC Thermistors for Overcurrent Protection
B59880C0120A070	PTC Thermistors for Overcurrent Protection
B59880C0120A570	PTC Thermistors for Overcurrent Protection
B59880C0130A070	PTC Thermistors for Overcurrent Protection
B59880C0160A070	PTC Thermistors for Overcurrent Protection
B59883C0120A051	PTC Thermistors for Overcurrent Protection
B59883C0120A070	PTC Thermistors for Overcurrent Protection
B59883C0120A554	PTC Thermistors for Overcurrent Protection
B59883C0120A570	PTC Thermistors for Overcurrent Protection
B59884C0120A054	PTC Thermistors for Overcurrent Protection
B59884C0120A070	PTC Thermistors for Overcurrent Protection
B59885C0120A051	PTC Thermistors for Overcurrent Protection
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B59890C0160A070	PTC Thermistors for Overcurrent Protection
B59891C0135A070	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
B59940C0120A070	PTC Thermistors for Overcurrent Protection
B59945C0120A070	PTC Thermistors for Overcurrent Protection
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B59955C0160A070	PTC Thermistors for Overcurrent Protection
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B59960C0120A070	PTC Thermistors for Overcurrent Protection
B59960C0130A070	PTC Thermistors for Overcurrent Protection
B59965C0120A070	PTC Thermistors for Overcurrent Protection

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B59965C0160A070	PTC Thermistors for Overcurrent Protection
B59970C0120A070	PTC Thermistors for Overcurrent Protection
B59970C0130A070	PTC Thermistors for Overcurrent Protection
B59975C0120A051	PTC Thermistors for Overcurrent Protection
B59975C0120A070	PTC Thermistors for Overcurrent Protection
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B59980C0080A070	PTC Thermistors for Overcurrent Protection
B59980C0120A051	PTC Thermistors for Overcurrent Protection
B59980C0120A053	PTC Thermistors for Overcurrent Protection
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B59990C0160A070	PTC Thermistors for Overcurrent Protection
B59995C0120A070	PTC Thermistors for Overcurrent Protection

Scheduled date of change: January 01, 2027

Estimated date of first deliveries: January 01, 2027

Enclosure PCN (ID No. PPD023/T131)

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. PPD023/T131		2. Date of announcement August 07, 2026	
3. Product / product group PTC thermistors	Old ordering code see UPtoDATE	New ordering code No change	Customer part number
4. Description of change Due to increasing demand for inrush current limiters and overcurrent protection PTC thermistors, TDK will release Zhuhai factory (China) as a second manufacturing location to Sumperk (Czech Republic) for front-end processes (pressing and sintering) of affected products. Zhuhai is already an established factory for the back-end processes (metallization, soldering, coating, final inspection) of inrush current limiters and overcurrent protection PTC thermistors. Samples availability for front-end transfer: September, 2026.			
5. Effect on the product or for the customer (benefit, quality, specification, lead time) This change has no impact on quality, reliability, solderability, or processability. Customers in the Asian market are expected to benefit from improved responsiveness to their requirements, including reduced lead times.			
6. Quality assurance measures / risk assessment - Release of all affected processes and equipment in both Zhuhai and Sumperk plant acc. to IATF 16949 - Intensive training program for the production personnel - Intensified process control and outgoing inspection during the ramp-up phase - No change in technology neither in frontend production nor backend production			
7. Scheduled date of change January 01, 2027			
8. Estimated date of first delivery of changed product January 01, 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 Name Dernovsek Silvia		Signature Signed Dernovsek	
Product Marketing Name Libor Hojka Tel. +38544566070 E-mail libor.hojka@tdk.com		Signature Signed Hojka	

Customer feedback

Customer acknowledgement

Signature