

June 11, 2021

## PCN

### Larger packing units for arrester series S20, S25, G31 and EZ0

The packing reels' space shall be better utilized and waste shall be reduced. Therefore, details of the packing units (PU) of the S20, S25, G31 and EZ0 series of EPCOS gas-filled surge arresters from the plant in Xiaogan/China will be changed as below.

1. S20 series will increase from 3000 to 6000 pcs/ reel.  
New ordering codes will be introduced as the last four digits change from T303 to T603 and N303 to N603.
2. S25 series will increase from 2000 to 2500 pcs/ reel  
New ordering codes will be introduced as the last four digits change from T203 to T253.
3. G31 series will increase from 1000 to 2000 pcs/ reel  
New ordering codes will be introduced as the last four digits change from T103 to K203 and K103 to K203.  
Additional for T103 will be changed to K203 and the packing distance between two tubes will be reduced from 10 mm to 5 mm.  
To standardize the packaging, the blister packing with 500 pcs/ tray will be changed to reel packing with 2000 pcs/ reel as well. New ordering codes will be introduced as the last four digits change from B502 to K203.
4. EZ0 series will increase from 900 to 1200 pcs/ reel, and 1000 to 1200 pcs/ reel.  
New ordering code will be introduced as the last four digits of the ordering code change from T902 to T123 and T103 to T123.  
Additional T902 will be changed to T123 and the SMD tape width will be reduced from 24 mm to 16 mm. Distance between the tubes will be reduced from 16 mm to 8 mm.

#### Affected products

S20 series Type	Old ordering code PU 3000 pcs/ reel	New ordering code PU 6000 pcs/ reel
S20-A140X	B88069X3013T303	B88069X3013T603
S20-A200X	B88069X6103T303	B88069X6103T603
S20-A200X	B88069X9731N303	B88069X9731N603
S20-A200X	B88069X9731T303	B88069X9731T603
S20-C230X	B88069X3023T303	B88069X3023T603
S20-C350X	B88069X3033T303	B88069X3033T603
S20-A470X	B88069X1193T303	B88069X1193T603
S20-A500X	B88069X1513T303	B88069X1513T603
S20-C500X	B88069X1563T303	B88069X1563T603

#### TDK Electronics AG

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#### Arresters

Internal/External

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S25 series Type	Old ordering code PU 2000 pcs/ reel	New ordering code PU 2500 pcs/ reel
S25-A90X	B88069X2253T203	B88069X2253T253
S25-A200X	B88069X2263T203	B88069X2263T253

G31 series Type	Old ordering code PU 1000 pcs/ reel	New ordering code PU 2000 pcs/ reel
G31-A75X	B88069X8091K103	B88069X8091K203
G31-A75X	B88069X8091T103	B88069X8091K203
G31-A90X	B88069X9361K103	B88069X9361K203
G31-A90X	B88069X9361T103	B88069X9361K203
G31-A140X	B88069X5683K103	B88069X5683K203
G31-A140X	B88069X5683T103	B88069X5683K203
G31-A200X	B88069X8801K103	B88069X8801K203
G31-A200X	B88069X8801T103	B88069X8801K203
G31-A200XHC	B88069X5693K103	B88069X5693K203
G31-A200XHC	B88069X5693T103	B88069X5693K203
G31-A300X	B88069X2203K103	B88069X2203K203
G31-A300X	B88069X2203T103	B88069X2203K203
G31-A300XS	B88069X6633T103	B88069X6633K203
G31-A400X	B88069X9321T103	B88069X9321K203
G31-A400X	B88069X9321K103	B88069X9321K203
G31-A500X	B88069X2233K103	B88069X2233K203
G31-A500X	B88069X2233T103	B88069X2233K203
G31-A500X	B88069X4173K103	B88069X4173K203
G31-A600X	B88069X6373T103	B88069X6373K203

G31 series Type	Old ordering code PU 500 pcs/ tray	New ordering code PU 2000 pcs/ reel
G31-A75X	B88069X8091B502	B88069X8091K203
G31-A90X	B88069X9361B502	B88069X9361K203
G31-A140X	B88069X5683B502	B88069X5683K203
G31-A200X	B88069X8801B502	B88069X8801K203
G31-A200XHC	B88069X5693B502	B88069X5639K203
G31-A300X	B88069X2203B502	B88069X2203K203
G31-A300X	B88069X4853B502	B88069X4853K203
G31-A300XS	B88069X6633B502	B88069X6633K203
G31-A400X	B88069X9321B502	B88069X9321K203
G31-A500X	B88069X2233B502	B88069X2233K203
G31-A500X	B88069X4173B502	B88069X4173K203
G31-A600X	B88069X6373B502	B88069X6373K203

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EZ0 series Type	Old ordering code PU 900 pcs/ reel	New ordering code PU 1200 pcs/ reel
EZ0-A75XSMD	B88069X6771T902	B88069X6771T123
EZ0-A75XSMD2	B88069X1143T902	B88069X1143T123
EZ0-A90KSMD5	B88069X4483T902	B88069X4483T123
EZ0-A90XSMD	B88069X6051T902	B88069X6051T123
EZ0-A90XSMD4	B88069X3833T902	B88069X3833T123
EZ0-A90XSMD5	B88069X4713T902	B88069X4713T123
EZ0-A90ZSMD	B88069X5143T902	B88069X5143T123
EZ0-A150XSMD	B88069X6871T902	B88069X6871T123
EZ0-A230XSMD	B88069X6881T902	B88069X6881T123
EZ0-A230XSMDHC	B88069X7321T902	B88069X7321T123
EZ0-A250XSMDHC	B88069X7251T902	B88069X7251T123
EZ0-A350XSMD	B88069X7581T902	B88069X7581T123
EZ0-C420XSMD2	B88069X8951T902	B88069X8951T123
EZ0-C420XSMD5	B88069X3843T902	B88069X3843T123
EZ0-C420XSMDHC	B88069X4283T902	B88069X4283T123
EZ0-C420XSMDHC	B88069X5013T902	B88069X5013T123
EZ0-C420XSMDN	B88069X8941T902	B88069X8941T123
EZ0-C420XSMD5S2	B88069X9721T902	B88069X9721T123
EZ0-A470XSMD	B88069X8481T902	B88069X8481T123

EZ0A series Type	Old ordering code PU 1000 pcs/ reel	New ordering code PU 1200 pcs/ reel
EZ0A-C420XSMD5S5	B88069X6543T103	B88069X6543T123

Scheduled date of introduction: September 20, 2021

Estimated date of first deliveries: September 20, 2021

The electrical and mechanical characteristics of the affected products as well as the delivery time remain unchanged.

Samples are available on request.

**Enclosure** PCN (ID No. PPD004/T126)

**Contact** Wong Huan Chee, PPD AB PM, Johor Bahru

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

## Product / Process Change Notification

<b>1. ID No.</b> PPD004/ T126		<b>2. Date of announcement</b> June 11, 2021	
<b>3. Product / product group</b> S20, S25, G31, EZ0 series or surge arresters	<b>Old ordering code</b> See UPToDATE	<b>New ordering code</b> See UPToDATE	<b>Customer part number</b>
<b>4. Description of change</b> <p>1. S20 series packing units (PU) will be changed from 3000 to 6000 pcs/reel. The last four digits of ordering code will be changed from T303 to T603 and N303 to N603.</p> <p>2. S25 series packing units (PU) will be changed from 2000 to 2500 pcs/reel. The last four digits of ordering code will be changed from T203 to T253.</p> <p>3. G31 series packing units (PU) will be changed from 1000 to 2000 pcs/reel. The last four digits of ordering code will be changed from T103 to K203 and K103 to K203. Additional for T103 changed to K203 the packing distance between two tubes changed from 10 mm to 5 mm. To standardize the packaging, the blister packing with 500 pcs/tray will be changed to reel packing with 2000 pcs/ reel as well. The last four digits of the ordering code will be change from B502 to K203.</p> <p>4. EZ0 series packing units (PU) will be changed from 900 to 1200 pcs/reel and 1000 to 1200 pcs/reel. The last four digits of ordering code will be change from T902 to T123 and T103 to T123. Additional for T902 changed to T123 the packing SMD width changed from 24 mm to 16 mm, distance between tubes changed from 16 mm to 8 mm.</p>			
<b>5. Effect on the product or for the customer (benefit, quality, specification, lead time)</b> <p>The electrical and mechanical characteristics remain unaffected by these changes. The delivery times remain unchanged.</p>			
<b>6. Quality assurance measures / risk assessment</b> <p>The qualification was successfully performed according to IATF 16949 requirements. The investigations for internal release showed no effects on the mechanical characteristics as a consequence of the change described in item 4. The established control plans will consequently not be changed. All quality assurance measures will be maintained. Samples are available on request.</p>			
<b>7. Scheduled date of change</b> September 20, 2021			
<b>8. Estimated date of first delivery of changed product</b> September 20, 2021 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. <input type="checkbox"/> For an interim period we cannot rule out that old as well as new products will be shipped. <input checked="" type="checkbox"/> 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 Wong Huan Chee Tel. +607 3566 666 E-mail huanchee.wong@tdk-electronics.tdk.com		Signature Signed Wong	

<b>Customer feedback</b>	
<b>Customer acknowledgement</b>	Signature