



December 2, 2022

PCN Change of HVC B type mounting parts

To further improve the High-Voltage Contactor (HVC) series, the mounting parts for all HVC B type main terminals will be updated and therefore more reliable.

The current mounting parts consist of two pieces spring washers, two pieces flat washers and two pieces hexagon nuts. The new mounting parts will only consist of two pieces of flange-nuts, while material and dimensions remain the same.

Junkers vibration test according to DIN 65151 could prove that flange-nuts with ribbed locking profiles can improve the maintenance of the preload force and have an effective anti-rotation effect. The reliable locking effect is achieved by radial ribs that press into the material when the element is fastened.

Current screw accessories:	New flange-nut screw:
	
<p>2 spring washers 2 flat washers 2 hexagon nuts</p>	<p>2 flange-nuts</p>

The new solution has no influence on the electrical characteristics. The delivery times as well as product types and ordering codes remain unchanged.

Test reports and samples are available on request.

TDK Electronics AG

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PPD
 HVC
 Internal / External

221202PPD1e

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Affected products

Ordering code	Type
B88269X2070C011	HVC500B-12S
B88269X2210C011	HVC500B-24
B88269X2220C011	HVC500B-12
B88269X2290C011	HVC500B-12E
B88269X2300C011	HVC500B-24E
B88269X2310C011	HVC500B-12SE
B88269X2320C011	HVC500B-24SE
B88269X2350C011	HVC500B-24S
B88269X2380C011	HVC300B-24S
B88269X2440C011	HVC500B-24SK
B88269X2500C011	HVC500B-24
B88269X2600C011	HVC350B-24SK
B88269X2640C011	HVC200B-12S
B88269X2650C011	HVC300B-12S
B88269X3160C011	HVC150B-24SEF
B88269X3400C011	HVC27-500B-12KC1F
B88269X3570C011	HVC27-500B-24HOC5F
B88269X3580C011	HVC27-500B-24HOF
B88269X3830C011	HVC27-400B-24HOC1F
B88269X4020C011	HVC300B-12SKF
B88269X4030C011	HVC500B-12SKF
B88269X4100C011	HVC250B-24E2UX3F
B88269X4110C011	HVC500B-12SE2F
B88269X4360C011	HVC500B-12SE2F
B88269X4410C011	HVC200B-24SEF
B88269X4420C011	HVC200B-24SE2F
B88269X4440C011	HVC200B-12SE2F
B88269X4470C011	HVC200B-24SE2F
B88269X4560C011	HVC300B-24SEF
B88269X4720C011	HVC300B-12SE2F
B88269X4760C011	HVC300B-24SE2F
B88269X4810C011	HVC400B-12F
B88269X4900C011	HVC500B-12F
B88269X4910C011	HVC500B-12EF
B88269X4940C011	HVC500B-12SEF
B88269X4960C011	HVC500B-12SF
B88269X4970C011	HVC500B-24EF
B88269X4990C011	HVC500B-24F
B88269X5000C011	HVC500B-24HCF
B88269X5040C011	HVC500B-24SEF
B88269X5050C011	HVC500B-24SE2F
B88269X5060C011	HVC500B-24SF
B88269X5100C011	HVC500B-24SKX3F
B88269X5170C011	HVC400B-12SE2F

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B88269X5210C011	HVC300B-12SEF
B88269X5300C011	HVC200B-12SE2F
B88269X5310C011	HVC300B-12SEF
B88269X5320C011	HVC300B-12SE2F
B88269X5350C011	HVC500B-12SEKF
B88269X5420C011	HVC500B-24SEF
B88269X5540C011	HVC500B-24SE2KF
B88269X5550C011	HVC500B-12E2F
B88269X5590C011	HVC500B-12SE2KF
B88269X5720C011	HVC500B-12SE2KF
B88269X5780C011	HVC500B-24SF
B88269X5810C011	HVC500B-24HOEKF
B88269X5850C011	HVC500B-24E2F
B88269X5860C011	HVC300B-12SE2P6F
B88269X5870C011	HVC400B-12SE2P6F
B88269X5890C011	HVC200B-12E2F
B88269X5900C011	HVC500B-12SE2P6F
B88269X5970C011	HVC500B-12HOE2KF
B88269X6030C011	HVC500B-24HOE2KF
B88269X6080C011	HVC500B-24SF
B88269X6120C011	HVC300B-12SE2F
B88269X6150C011	HVC250B-24E2X3F
B88269X6160C011	HVC27-400B-24HOF
B88269X6170C011	HVC27-400B-12HOF
B88269X6210C011	HVC27-400B-12F
B88269X6240C011	HVC27-400B-24F
B88269X6290C011	HVC27-500B-12F
B88269X6310C011	HVC27-500B-24F
B88269X6340C011	HVC27-500B-12HOF
B88269X6560C011	HVC27-400B-24HCF
B88269X6570C011	HVC27-500B-24HCF
B88269X6580C011	HVC27-400B-12HCF
B88269X6590C011	HVC27-500B-12HCF

Scheduled date of change: March 20, 2023
(or earlier, with written approval by the customer)
Estimated date of first deliveries: March 20, 2023

Enclosure PCN (ID No. PPD022/T127)

Contact Wong Huan Chee, PPD AB PM, Johor Bahru

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

Product / Process Change Notification

1. ID No. PPD022/T127		2. Date of announcement December 2, 2022	
3. Product / product group HVC B type	Old ordering code See UPtoDATE	New ordering code No change	Customer part number NA
4. Description of change The current mounting parts consist of 2 spring washers, 2 flat washers and 2 hexagon nuts. The new mounting parts will only consist of 2 flange-nuts, while material and dimensions remain the same.			
5. Effect on the product or for the customer (benefit, quality, specification, lead time) The electrical and mechanical characteristics remain unaffected by these changes. The delivery times remain unchanged. It reduces the risk of insufficient mounting parts given to customer. It can speed up the assembly operation at customer side.			
6. Quality assurance measures / risk assessment All quality assurance measures will be maintained. The vibration test for random, shock and sinus with tightening torque 5-9 Nm were all passed. Samples are available on request.			
7. Scheduled date of change March 20, 2023 (or earlier, with written approval by the customer)			
8. Estimated date of first delivery of changed product March 20, 2023 (or earlier, with written approval by the customer) 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 checked="" type="checkbox"/> For an interim period we cannot rule out that old as well as new products will be shipped. <input 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.			
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Customer feedback	
Customer acknowledgement	Signature