

## Product / Process Change Notification (PCN)

- ☒ Major change  
☐ Minor change

**PCN #:** PCN\_PoE\_20210406\_2  
**Affected Series:** WE-PoE; P/N 750310743

**PCN Date:** January 06, 2021  
**Effective Date:** April 06, 2021

### Change Category:

- ☐ Equipment / Location  
☒ General Data  
☐ Material  
☐ Process  
☐ Product Design  
☐ Shipping / Packaging  
☐ Supplier  
☐ Software

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### Data Sheet Change:

☒ Yes ☐ No

### Attachment:

☒ Yes ☐ No

### DESCRIPTION AND PURPOSE OF CHANGE:

As a datasheet information amendment, Würth Elektronik will update the insulation test voltage test condition from N1,4=>N2,3 to N1,3=>N2 and the DC Resistance 2 from 6mΩ to 3mΩ.

Also due to internal standardization, Würth Elektronik will remove the turns ratio tolerance and update the storage condition information.

All products with date code 2021-04-06 or later, will be affected by this change.

There will be no change in form, fit, function, quality or reliability of the product.

### DETAIL OF CHANGE:

- Insulation test voltage test condition is being updated

#### From:

Insulation test voltage	N1,4 => N2,3	$U_T$	1500	V (AC)	
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#### To:

Insulation Test Voltage	$V_T$	N1,3 => N2	1500	V (AC)	
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- DC Resistance 2 will be changed

#### From:

DC Resistance 2	@ 20 °C	$R_{DC}$	6	mΩ	max.
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#### To:

DC Resistance 2	$R_{DC2}$	@ 20 °C	3	mΩ	max.
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- The turns ratio tolerance will be removed and the datasheet will be updated

**From:**

Turns Ratio		n	6.67 : 1 : 4		±3
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**To:**

Turns Ratio	n		6.67:1:4		
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- Storage condition information will be updated

**From:**

**General Information:**

It is recommended that the temperature of the component does not exceed +125°C under worst case conditions	
Operating Temperature	-40 °C up to +125 °C
Storage Temperature (in original packaging)	-20 °C up to +60 °C
Test conditions of Electrical Properties: +20°C, 33% RH if not specified differently	

**To:**

**General Information:**

Operating Temperature	-40 up to +125 °C
Storage Conditions (in original packaging)	< 40 °C ; < 75 % RH
Storage Conditions (for single parts)	-20 up to +60 °C
Moisture Sensitivity Level (MSL)	1
Test conditions of Electrical Properties: +20 °C, 33 % RH if not specified differently	

## RELIABILITY / QUALIFICATION SUMMARY:

There will be no change of the product, therefore no additional reliability or qualification testing will be performed.