

Würth Elektronik eiSos GmbH &amp; Co. KG

EMC &amp; Inductive Solutions

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## Product / Process Change Notification (PCN)

- Major change  
 Minor change

**PCN #:** PCN\_PoE\_20210406  
**Affected Series:** WE-PoE; P/N 750310742  
**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 DC Resistance 1, DC Resistance 2, and DC Resistance 3 tolerance from max. to 10%, and update the insulation test voltage test condition from N1,4=>N2,3 to N1,3=>N2.

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:

- DC Resistance 1, DC Resistance 2, and DC Resistance3 tolerance will change

#### From:

DC Resistance 1	@ 20°C	R <sub>DC1</sub>	85	mΩ	max.
DC Resistance 2	@ 20°C	R <sub>DC2</sub>	25	mΩ	max.
DC Resistance 3	@ 20°C	R <sub>DC3</sub>	155	mΩ	max.

#### To:

DC Resistance 1	R <sub>DC1</sub>	@ 20 °C	85	mΩ	±10%
DC Resistance 2	R <sub>DC2</sub>	@ 20 °C	25	mΩ	±10%
DC Resistance 3	R <sub>DC3</sub>	@ 20 °C	155	mΩ	±10%



- 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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- The turns ratio tolerance will be removed and the datasheet will be updated

**From:**

Turns ratio		n	2 : 1 : 1.1		±3%
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**To:**

Turns Ratio	n		2:1:1.1		
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- Storage condition information will be updated

**From:**

**E General information:**

It is recommended that the temperature of the part does not exceed +125°C under worst case conditions.

- Storage Temperature: -20°C to 60°C
- Operating Temperature: -40°C to 125°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.