

## Product change notification (PCN)

<b>Title / short description</b>	Nominal voltage for metric circular signal connectors changed to 48 V AC
<b>Affected article category</b>	Connectors
<b>Change category</b>	Function
<b>Change number</b>	CAB200045-02

### Purpose/objective of the change

We always strive to provide you with state-of-the-art products for your application. To this end, for commercial, technical, and legal reasons it is necessary to regularly check the product range and adjust the product life cycle accordingly. A ruling concerning the CE marking of modular connectors (by the Higher Regional Court of Cologne (OLG), 6 U 21/15) was adopted in September 2019 in a revised position statement by the ZVEI, which mainly concerns an extended CE marking requirement for industrial connectors sold and used in the EU.

### Detailed description of the change

From Phoenix Contact's point of view, the revised interpretation of the legal specifications requires a high degree of additional effort for the implementation of the marking, which is not economical for products in a very advanced life cycle. So that we can continue to offer the affected products to our customers, as of October 1, 2020 the items listed in the attachment will be specified with a maximum nominal voltage of 48 V AC (75 V DC). This portfolio will therefore no longer fall under the scope of the Low Voltage Directive 2014/35/EU, which only applies for nominal voltages # 50 V AC / 75 V DC. CE conformity based on the Low Voltage Directive will therefore not be declared. The amended voltage specification therefore still covers the main areas of application of our signal connector portfolio. Important: At this point in time, you will receive the products you have purchased - technically unchanged - in the version you have purchased thus far. This measure in no way calls into question the electrical safety of the products sold to date. The corresponding UL files will be adapted. If you use the affected products above 48 V AC, please contact the member of the Phoenix Contact sales team who deals with your account. Note: DIN EN 61140:2016-11, Section 7.5.4, does not require the use of a protective conductor connection with a green-yellow connection litz wire in connection with applications within protective extra-low voltages < 50 V AC in protection class III. We would therefore like to expressly point out that for assembled items the green-yellow litz wire may only be used as functional ground and not as a protective conductor (see material\_list\_b.xlsx). In addition, corresponding markings will be adapted on the insulating bodies. Thank you for your understanding, and we look forward to continuing our successful cooperation.

### Identifying characteristics

See attached item lists

<b>Start of Production (SOP)</b>	-	<b>Last Time Delivery (LTD)</b>	-
<b>Effective date (EOP)</b>	2020-10-01	<b>End of Service (EOSR)</b>	-
<b>End of Sales (EOS)</b>	-		

### Short-term change (< 6 months) or discontinuation (< 12 months), due to:

- |   |   |  |
|---|---|--|
| <input type="checkbox"/> Software / Firmware Bugfix | <input type="checkbox"/> Short-term delivery stop by supplier       | <input type="checkbox"/> Short-term recall by supplier |
| <input type="checkbox"/> Force majeure              | <input type="checkbox"/> Product improvement with customer benefits |  |

Others

Product change necessary to preserve delivery capability

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#### Attachments

- CAB200045\_material\_list.xlsx
- CAB200045\_material\_list\_b.xlsx
- CAB200045\_PE-marking.pdf
- Material\_list.csv
- PCN-CAB200045-02 Änderung der Nennspannung für metrische Signal – Rundsteckverbinder auf 48 V AC\_DE
- PCN-CAB200045-02 Nominal voltage for metric circular signal connectors changed to 48 V AC\_EN

### Material list

Item	Article Type	Hardware / Firmware old	Hardware / Firmware new	Item	Substitute item Type
1608437	KC-0101TEAE2002	1	2		