

December 18, 2015

## Product change

### New marking for the EM3000 series of EPCOS 2-electrode surge arresters

The color of the marking for the EM3000 series of EPCOS 2-electrode surge arresters is being changed from red to blue. This assures a clear distinction and standardization of the marking pattern of the EM3000 types.

#### Affected products

| Ordering code   | Type         |
|-----------------|--------------|
| B88069X3431S102 | EM3000X      |
| B88069X3431T502 | EM3000X      |
| B88069X6140B502 | EM3000XB     |
| B88069X4231T502 | EM3000XS     |
| B88069X4231S102 | EM3000XS     |
| B88069X9401A802 | EM3000X6ST7  |
| B88069X9401A103 | EM3000X6ST7  |
| B88069X9241B502 | EM3000X6SP1  |
| B88069X3793B502 | EM3000X6SB2A |

The electrical and mechanical characteristics are unchanged. The type designations and delivery times likewise remain unchanged. Qualification was successfully performed according to our internal green-light release guidelines.

Scheduled date of introduction: March 25, 2016

**Enclosure** PCN (ID No. PPD31/T120)

Annex: Details of new marking

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

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

**EPCOS AG** · A TDK Group Company

Office: St.-Martin-Strasse 53, 81669 Munich · Post: P.O.Box 80 17 09, 81617 Munich, Germany

Headquarters: Munich · Commercial register of the local court (Amtsgericht): Munich HRB 127250

Chairman of the Supervisory Board: Dr. Werner Faber

Management Board: Joachim Zichlarz, Chairman · Joachim Thiele · Dr. Norbert Hess · Christian Block

www.epcos.com

**Surge Arrestes**

Internal / External

151218AB1e

## Product / Process Change Notification

|                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                              |                                                   |                              |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|------------------------------|
| <b>1. ID No.:</b> PPD31/ T120                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                              | <b>2. Date of announcement:</b> December 18, 2015 |                              |
| <b>3. Product / product group:</b><br>EM 3000 series of<br>2-electrode surge arresters                                                                                                                                                                                                                                                                                                                                                             | <b>Old ordering code:</b><br>B88069X3431S102,<br>B88069X3431T502,<br>B88069X6140B502,<br>B88069X4231T502,<br>B88069X4231S102,<br>B88069X9401A802,<br>B88069X9401A103,<br>B88069X9241B502.<br>B88069X3793B502 | <b>New ordering code:</b><br>No change            | <b>Customer part number:</b> |
| <b>4. Description of change:</b><br>The color of the marking for the EM3000 series of EPCOS 2-electrode surge arresters is being changed from red to blue. This assures a clear distinction and standardization of the marking pattern of the EM3000 types.                                                                                                                                                                                        |                                                                                                                                                                                                              |                                                   |                              |
| <b>5. Effect on the product or for the customer (benefit, quality, specification, lead time):</b><br>The electrical and mechanical characteristics will not be affected by these changes. The product specification defined in the data sheet, as well as form, fit and function will be fulfilled and do not deviate from the current production. The delivery times remain unchanged.                                                            |                                                                                                                                                                                                              |                                                   |                              |
| <b>6. Quality assurance measures / risk assessment:</b><br>Qualification is in accordance with our internal green-light quality procedure. 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.<br>Samples are available on request. |                                                                                                                                                                                                              |                                                   |                              |
| <b>7. Scheduled date of change:</b> March 25, 2016                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                              |                                                   |                              |
| <b>8. Estimated date of first delivery of changed product:</b> March 25, 2016<br>If EPCOS does not receive notification to the contrary within a period of 10 weeks, EPCOS assumes that the customer agrees to the change. For an interim period we cannot rule out that old as well as new products will be shipped.                                                                                                                              |                                                                                                                                                                                                              |                                                   |                              |
| Quality Management<br>Name Markus Weiglhofer                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                              | Signature<br>signed Weiglhofer                    |                              |
| Product Marketing<br>Name Wong Huan Chee<br>Tel. +607 3566 666<br>Email huanchee.wong@epcos.com                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                              | Signature<br>signed Wong                          |                              |
| <b>Customer feedback</b>                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                              |                                                   |                              |
| Customer acknowledgement                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                              | Signature                                         |                              |

**Annex to UPtoDATE 151218AB1 and PCN PPD31/ T120 of December 18, 2015 /  
New marking for EM3000 voltage of EPCOS 2-electrode surge arresters**

**Affected products and changes:**

| No | Type         | Current Ordering Code | Old marking               | New marking               |
|----|--------------|-----------------------|---------------------------|---------------------------|
| 1  | EM3000X      | B88069X3431S102       | <b>EPCOS EM 3000 YY O</b> | <b>EPCOS EM 3000 YY O</b> |
| 2  | EM3000X      | B88069X3431T502       | <b>EPCOS EM 3000 YY O</b> | <b>EPCOS EM 3000 YY O</b> |
| 3  | EM3000XB     | B88069X6140B502       | <b>EPCOS EM 3000 YY O</b> | <b>EPCOS EM 3000 YY O</b> |
| 4  | EM3000XS     | B88069X4231T502       | <b>EPCOS EM 3000 YY O</b> | <b>EPCOS EM 3000 YY O</b> |
| 5  | EM3000XS     | B88069X4231S102       | <b>EPCOS EM 3000 YY O</b> | <b>EPCOS EM 3000 YY O</b> |
| 6  | EM3000X6ST7  | B88069X9401A802       | <b>EPCOS EM 3000 YY O</b> | <b>EPCOS EM 3000 YY O</b> |
| 7  | EM3000X6ST7  | B88069X9401A103       | <b>EPCOS EM 3000 YY O</b> | <b>EPCOS EM 3000 YY O</b> |
| 8  | EM3000X6SP1  | B88069X9241B502       | <b>EPCOS EM 3000 YY O</b> | <b>EPCOS EM 3000 YY O</b> |
| 9  | EM3000X6SB2A | B88069X3793B502       | <b>EPCOS EM 3000 YY O</b> | <b>EPCOS EM 3000 YY O</b> |