

**KCMA-8-1000-5A-5VA-0.5****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)

Current transformers for retrofitting

Features:

- especially suitable for use in hard-to-reach places
- no cutting of the primary conductors necessary
- Unfolding of the current transformer without additional tools

**General ordering data**

|              |  |
|--------------|--|
| Version      | Primary current: 1000 A, Secondary current max.: 5 A, Load: 5 VA, Tolerance class: 0,5, Split-core current transformer |
| Order No.    | <a href="#">2753430000</a>   |
| Type         | KCMA-8-1000-5A-5VA-0.5   |
| GTIN (EAN)   | 4050118896565  |
| Qty.         | 1 pc(s).   |
| Manufacturer | MBS AG   |

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Catalogue status 28.09.2024 / We reserve the right to make technical changes.

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## Technical data

### Dimensions and weights

|            |         |                 |            |
|------------|---------|-----------------|------------|
| Depth      | 58 mm   | Depth (inches)  | 2.283 inch |
| Height     | 198 mm  | Height (inches) | 7.795 inch |
| Width      | 155 mm  | Width (inches)  | 6.102 inch |
| Net weight | 1,300 g |                 |            |

### Temperatures

|                       |               |
|-----------------------|---------------|
| Operating temperature | -5 °C...40 °C |
|-----------------------|---------------|

### Dimensions of live conductors

|                   |                          |                       |            |
|-------------------|--------------------------|-----------------------|------------|
| Type of conductor | Insulated conductor only | Round conductor       | 80 mm      |
| Rail              | 80 x 120 mm              | Installation location | Indoor use |

### Electrical attributes

|                   |         |                 |         |
|-------------------|---------|-----------------|---------|
| Load              | 5 VA    | Primary current | 1,000 A |
| Secondary current | 0...5 A | Tolerance class | 0,5     |

### Technical properties

|   |                               |                   |      |
|---|-------------------------------|-------------------|------|
| Cable length  | 0.5 m                         | Insulation class  | E    |
| Nominal frequency                                     | 50 Hz                         | Protection degree | IP20 |
| Thermal rated continuous current $I_{\text{thermal}}$ | $1.2 \times I_{\text{rated}}$ |                   |      |

### Insulation coordination

|          |                                      |                 |     |
|----------|--------------------------------------|-----------------|-----|
| Standard | IEC 61869-1: 2007, IEC 61869-2: 2012 | Tolerance class | 0,5 |
|----------|--------------------------------------|-----------------|-----|

### Classifications

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC002048    | ETIM 7.0    | EC002048    |
| ETIM 8.0    | EC002048    | ETIM 9.0    | EC002048    |
| ECLASS 9.0  | 27-21-09-02 | ECLASS 9.1  | 27-21-09-02 |
| ECLASS 10.0 | 27-21-09-02 | ECLASS 11.0 | 27-21-09-02 |
| ECLASS 12.0 | 27-21-09-02 | ECLASS 13.0 | 27-21-09-02 |
| ECLASS 14.0 | 27-21-09-02 |             |             |

### Environmental Product Compliance

|                        |                             |
|------------------------|-----------------------------|
| REACH SVHC             | /                           |
| RoHS Compliance Status | Compliant without exemption |

### Approvals

|      |         |
|------|---------|
| ROHS | Conform |
|------|---------|

### Downloads

|   |  |
|---|--|
| Approval/Certificate/Document of Conformity | <a href="#">EU Declaration of Conformity</a>   |
| User Documentation                          | <a href="#">Device description – Betriebsanleitung deutsch</a><br><a href="#">Device description – Instruction sheet english</a> |
| Catalogues                                  | <a href="#">Catalogues in PDF-format</a>   |

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## Drawings

