

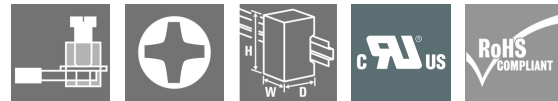
**CMA-81-2000-5A-10VA-1****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

**Plug-on current transformers**

Plug-on current transformers are especially suitable for mounting on the busbar.

The advantages of this type are: screwless connection technology with tension clamp connection, time-saving connection option for solid and flexible conductors, shock-resistant and vibration-proof, high mechanical holding forces and high current resistance.

**General ordering data**

|              |   |
|--------------|---|
| Version      | Primary current: 2000 A, Secondary current max.: 5 A, Load: 10 VA, Tolerance class: 1, closed current transformer |
| Order No.    | <a href="#">2680180000</a>  |
| Type         | CMA-81-2000-5A-10VA-1   |
| GTIN (EAN)   | 4050118696530   |
| Qty.         | 1 pc(s).  |
| Manufacturer | MBS AG  |

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## Technical data

## Dimensions and weights

|            |        |                 |            |
|------------|--------|-----------------|------------|
| Depth      | 52 mm  | Depth (inches)  | 2.047 inch |
| Width      | 120 mm | Width (inches)  | 4.724 inch |
| Length     | 134 mm | Length (inches) | 5.276 inch |
| Net weight | 639 g  |                 |            |

## Dimensions of live conductors

|                   |                          |                       |            |
|-------------------|--------------------------|-----------------------|------------|
| Type of conductor | Insulated conductor only | Round conductor       | 54 mm      |
| Rail              | 80 x 10 mm, 60 x 30 mm   | Installation location | Indoor use |

## Electrical attributes

|                   |         |                 |         |
|-------------------|---------|-----------------|---------|
| Load              | 10 VA   | Primary current | 2,000 A |
| Secondary current | 0...5 A | Tolerance class | 1       |

## Technical properties

|                   |      |   |       |
|-------------------|------|---|-------|
| 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 | 1 |
|----------|--------------------------------------|-----------------|---|

## 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 |

## Environmental Product Compliance

|            |   |
|------------|---|
| REACH SVHC | / |
|------------|---|

## Approvals

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

## Downloads

|   |  |
|---|--|
| Approval/Certificate/Document of Conformity | <a href="#">UL- certificate</a><br><a href="#">UKCA Declaration of Conformity</a><br><a href="#">Declaration of Conformity</a>       |
| Engineering Data                            | <a href="#">CAD data – STEP</a>  |
| Technical Documentation                     | <a href="#">3D drawing</a>   |
| User Documentation                          | <a href="#">Device description – instruction sheet english.pdf</a><br><a href="#">Device description – Betriebsanleitung deutsch</a> |
| Catalogues                                  | <a href="#">Catalogues in PDF-format</a>   |

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# Drawings

