

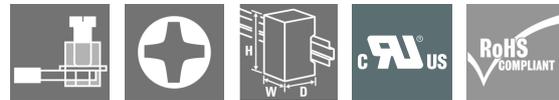
**CMA-31-100-5A-2,5VA-1****Weidmüller Interface GmbH & Co. KG**

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: Price optimisation, safe connection option, high mechanical holding forces and high current resistance.

**General ordering data**

Version	Primary current: 100 A, Secondary current max.: 5 A, Load: 2.5 VA, Tolerance class: 1, closed current transformer
Order No.	<a href="#">1482030000</a>
Type	CMA-31-100-5A-2,5VA-1
GTIN (EAN)	4050118290943
Qty.	1 pc(s).
Manufacturer	MBS AG

Creation date June 12, 2025 6:04:23 PM CEST

Catalogue status 07.06.2025 / We reserve the right to make technical changes.

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## Technical data

## Dimensions and weights

Depth	52 mm	Depth (inches)	2.047 inch
Height	80.9 mm	Height (inches)	3.185 inch
Width	60 mm	Width (inches)	2.362 inch
Net weight	240 g		

## Temperatures

Storage temperature	-25 °C...70 °C	Operating temperature	-5 °C...50 °C
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## Dimensions of live conductors

Type of conductor	Insulated conductor only	Round conductor	25.7 mm
Rail	20 x 20 mm, 25 x 12 mm, 30 x 10 mm	Installation location	Indoor use

## Electrical attributes

Load	2.5 VA	Primary current	100 A
Secondary current	0...5 A	Tolerance class	1

## Technical properties

Insulation class	E	Nominal frequency	50 Hz
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
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## Classifications

ETIM 6.0	EC002048	ETIM 7.0	EC002048
ETIM 8.0	EC002048	ETIM 9.0	EC002048
ETIM 10.0	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
ECLASS 15.0	27-21-09-02		

## Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption
REACH SVHC	No SVHC above 0.1 wt%

## Approvals

ROHS	Conform
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**Downloads**

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

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Drawings

