

**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: 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: 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

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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
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	/
RoHS Compliance Status	Compliant without exemption

**Approvals**

ROHS	Conform
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## Technical data

### Downloads

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

