

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 used wherever high currents of up to 5000A need to be measured and processed. Our plug-on current transformers supply secondary currents of 1A or 5A. Weidmüller also offers compact low-power current transformers to convert currents of up to 600 A to voltages of up to 333 mV.

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.	1482030000
Type	CMA-31-100-5A-2,5VA-1
GTIN (EAN)	4050118290943
Qty.	1 items
Manufacturer	MBS AG

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Technical data

Approvals

ROHS	Conform
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Dimensions and weights

Depth	52 mm	Depth (inches)	2.0472 inch
Height	80.9 mm	Height (inches)	3.185 inch
Width	60 mm	Width (inches)	2.3622 inch
Net weight	240 g		

Temperatures

Storage temperature	-25 °C...70 °C	Operating temperature	-5 °C...50 °C
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Environmental Product Compliance

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

Dimensions of live conductors

Type of conductor	Insulated conductor only	Round conductor	25.70 mm
Rail	20 x 20 mm, 25 x 12 mm, 30 x 10 mm	Installation location	Indoor use

Electrical attributes

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

Technical properties

Insulation class	E	Thermal rated continuous current I _{thermal}	1.2 x I _{rated}
Nominal frequency	50 Hz		

Insulation coordination

Standard	IEC 61869-1: 2007, IEC 61869-2: 2012	Tolerance class	1
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Classifications

ETIM 8.0	EC002048	ETIM 9.0	EC002048
ETIM 10.0	EC002048	ECLASS 14.0	27-21-09-02
ECLASS 15.0	27-21-09-02		

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Drawings

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