

CMA-3151-100-AO-24DC-05**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Current transformer with analogue output**

The simple conversion of "large" currents (100 - 500 A AC) into an analogue value without intermediate steps. Suitable for downstream devices, e.g. limit value detection.

General ordering data

Version	Primary current: 100 A, Output : 0(4)-20 mA, 0(2)-10 V, Load: 1 VA
Order No.	1531940000
Type	CMA-3151-100-AO-24DC-05
GTIN (EAN)	4050118337211
Qty.	1 pc(s).
Manufacturer	MBS AG

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Technical data

Dimensions and weights

Depth	71 mm	Depth (inches)	2.795 inch
Height	117.8 mm	Height (inches)	4.638 inch
Width	80 mm	Width (inches)	3.15 inch
Net weight	250 g		

Temperatures

Operating temperature	-5 °C...40 °C
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Dimensions of live conductors

Round conductor	28 mm	Rail	30 x 10 mm
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Electrical attributes

Load	1 VA	Primary current	100 A
Secondary current	0...0.02 A	Tolerance class	0,5

Technical properties

Insulation class	E	Nominal frequency	50 Hz
Protection degree	IP20	Thermal rated continuous current I_{thermal}	$1.5 \times I_{\text{rated}}$

Output

Output current	0...20 mA, 4...20 mA (with 24V DC auxiliary voltage)	Output voltage, note	0...10 V, 2...10 V (with 24 V DC auxiliary voltage)
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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

Approvals

ROHS	Conform
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Downloads

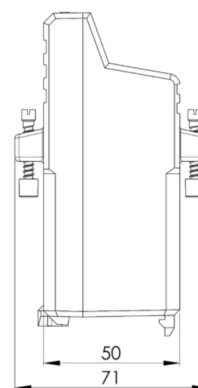
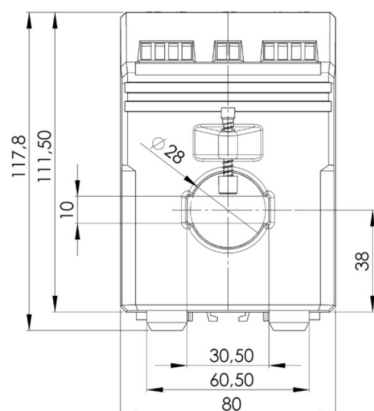
Approval/Certificate/Document of Conformity	Declaration of Conformity
Catalogues	Catalogues in PDF-format

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Drawings



Connection diagram

