

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

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://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.	<a href="#">1531940000</a>
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 $I_{\text{thermal}}$	$1.5 \times I_{\text{rated}}$

## 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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## Insulation coordination

Galvanic isolation	between input/output	Test voltage	4 kV
Tolerance class	0,5		

## 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
ECLASS 14.0	27-21-09-02		

## Environmental Product Compliance

RoHS Compliance Status	Compliant
REACH SVHC	No SVHC above 0.1 wt%

## Approvals

ROHS	Conform
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## Technical data

### Downloads

Approval/Certificate/Document of Con-  
formity[Declaration of Conformity](#)

Catalogues

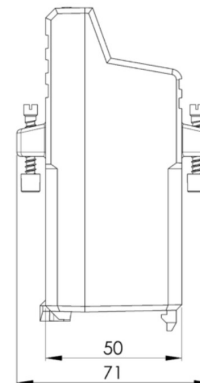
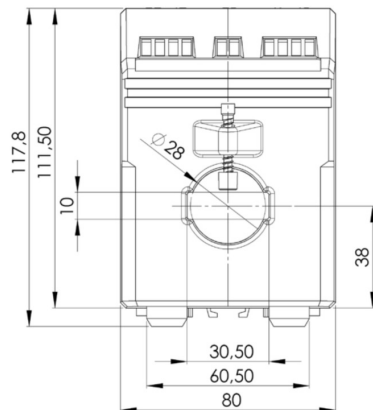
[Catalogues in PDF-format](#)

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## Drawings



## Connection diagram

