

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

Postfach 3030

32760 Detmold

Tel. +49 5231 14-0

Fax. +49 5231 14-2083

info@weidmueller.com

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).

CMA-3151-100-AO-24DC-05

Weidmüller Interfaces GmbH & Co. KG

Postfach 3030

32760 Detmold

Tel. +49 5231 14-0

Fax. +49 5231 14-2083

info@weidmueller.com

www.weidmueller.com

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
-----------------------	---------------

Dimensions of live conductors

Round conductor	28 mm	Rail	30 x 10 mm
-----------------	-------	------	------------

Electrical attributes

Load	1 VA	Primary current	100 A
Secondary current max.	20 mA	Secondary current, min.	4 mA
Tolerance class	0,5		

Technical data

Voltage supply	24 V DC \pm 15 %
----------------	--------------------

Technical properties

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

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	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

Approvals

ROHS	Conform
------	---------

Downloads

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

CMA-3151-100-AO-24DC-05

Weidmüller Interfaces GmbH & Co. KG

Postfach 3030

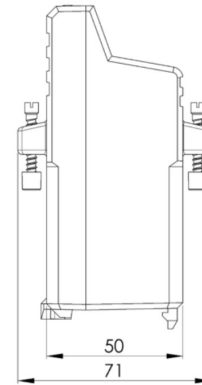
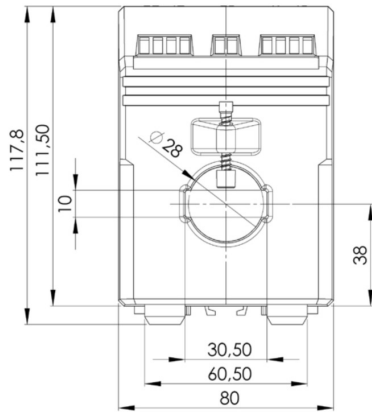
32760 Detmold

Tel. +49 5231 14-0

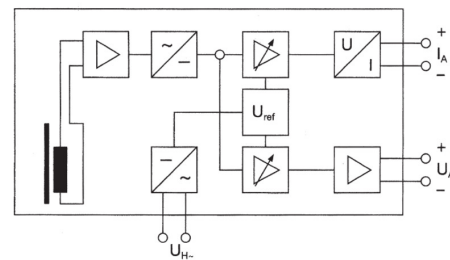
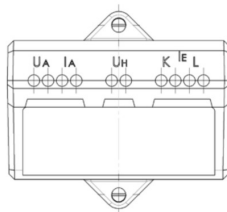
Fax. +49 5231 14-2083

info@weidmueller.com

Drawings



Connection diagram



Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Weidmuller:](#)

[1531940000](#)