

CMA-CTM-7-40-1A-0.3VA-1

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany

www.weidmueller.com

Product image



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The CMA-CTM 7 series mini current transformer is an inductive current transformer designed according to the transformer principle for circular primary conductors.

The CMA-CTM 7 series current transformers are maintenance-free and is designed for measuring primary currents in the range 32 A to 64 A. This is converted into a current up to 1 A on the secondary side.

With its small dimensions, it perfectly suits applications in a 3-phase circuit breaker with a phase separation of 17.5 mm.

General ordering data

Version	Primary current: 40 A, Secondary current max.: 1 A, Load: 0.3 VA, Tolerance class: 1, closed current transformer
Order No.	2556040000
Type	CMA-CTM-7-40-1A-0.3VA-1
GTIN (EAN)	4050118566413
Qty.	1 items
Manufacturer	MBS AG

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Technical data

Approvals

ROHS	Conform
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Dimensions and weights

Depth	19 mm	Depth (inches)	0.748 inch
Height	46.5 mm	Height (inches)	1.8307 inch
Width	27.5 mm	Width (inches)	1.0827 inch
Net weight	64 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
REACH SVHC	No SVHC above 0.1 wt%

Dimensions of live conductors

Type of conductor	Insulated conductor only	Round conductor	7.60 mm
Installation location	Indoor use		

Electrical attributes

Tolerance class	1	Secondary current	0...1 A
Load	0.3 VA	Primary current	40 A

Technical properties

Insulation class	E	Thermal rated continuous current I _{thermal}	1.0 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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