CMA-31-400-5A-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 especially suitable for mounting on the busbar.
The advantages of this type are: screwless connection technology with tension clamp connection, time-saving connection option for solid and flexible conductors, shock-resistant and vibration-proof, high mechanical holding forces and high current resistance.

General ordering data

Version	Primary current: 400 A, Secondary current max.: 5 A, Load: 5 VA, Tolerance class: 1, closed current transformer
Order No.	2420920000
Type	CMA-31-400-5A-5VA-1
GTIN (EAN)	4050118428964
Qty.	1 pc(s).
Manufacturer	MBS AG

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Technical data

Dimensions and weights

Depth	52 mm	Depth (inches)	2.047 inch
Height	80.9 mm	Height (inches)	3.185 inch
Width	60 mm	Width (inches)	2.362 inch
Net weight	220 g		

Temperatures

Storage temperature	-25 °C...70 °C	Operating temperature	-5 °C...50 °C

Dimensions of live conductors

Type of conductor	Insulated conductor only	Round conductor	25.7 mm
Rail	20 x 20 mm, 25 x 12 mm, 30 x 10 mm	Installation location	Indoor use

Electrical attributes

Load	5 VA	Primary current	400 A
Secondary current	0...5 A	Tolerance class	1

Technical properties

Insulation class	E	Nominal frequency	50 Hz
Protection degree	IP20	Thermal rated continuous current $I_{thermal}$	1.2 x I_{rated}

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

Downloads

Approval/Certificate/Document of Conformity	UL- certificate UKCA Declaration of Conformity Declaration of Conformity
Engineering Data	CAD data – STEP
User Documentation	Device description – instruction sheet english.pdf Device description – Betriebsanleitung deutsch
Catalogues	Catalogues in PDF-format

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Drawings





