





Product designation			Current transformer kit
Product type designation			DMG100 and 3 CTs 100/5A
Туре			Three-phase + neutral
DIN rail module number			4
Auxiliary supply Us			
Auxiliary rated supply voltage AC		VAC	100240
Auxiliary rated supply voltage DC		VDC	110250
Auxiliary operating voltage range			
AC			
	min	VAC	85
	Max	VAC	264
DC			
	min	VDC	93.5
	Max	VDC	300
Operational frequency			
	min	Hz	50
	max	Hz	60
Power consumption			
	Max	VA	3.5
Power dissipation Max		W	1.2
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Measuring voltage inputs			
Measuring voltage inputs Rated voltage (Ue)			
Rated voltage (Ue)	nhase-nhase	VAC	690
•	phase-phase	VAC	690 400
Rated voltage (Ue)	phase-phase phase-neutral	VAC VAC	690 400
•	phase-neutral	VAC	400
Rated voltage (Ue)	phase-neutral phase-phase	VAC	20830
Rated voltage (Ue) Operating voltage range	phase-neutral	VAC	400
Rated voltage (Ue)	phase-neutral phase-phase phase-neutral	VAC VAC VAC	20830 10480
Rated voltage (Ue) Operating voltage range	phase-neutral phase-phase phase-neutral min	VAC VAC VAC	20830 10480
Rated voltage (Ue) Operating voltage range Voltage inputs operational frequency	phase-neutral phase-phase phase-neutral	VAC VAC VAC	400 20830 10480 45 66
Rated voltage (Ue) Operating voltage range	phase-neutral phase-phase phase-neutral min	VAC VAC VAC	400 20830 10480 45 66 True RMS
Rated voltage (Ue) Operating voltage range Voltage inputs operational frequency	phase-neutral phase-phase phase-neutral min	VAC VAC VAC	400 20830 10480 45 66 True RMS Single. two.
Operating voltage range Voltage inputs operational frequency Voltage inputs measurement method	phase-neutral phase-phase phase-neutral min	VAC VAC VAC	400 20830 10480 45 66 True RMS Single. two. three-phase with
Rated voltage (Ue) Operating voltage range Voltage inputs operational frequency	phase-neutral phase-phase phase-neutral min	VAC VAC VAC	20830 10480 45 66 True RMS Single. two. three-phase with or without neutral.
Operating voltage range Voltage inputs operational frequency Voltage inputs measurement method	phase-neutral phase-phase phase-neutral min	VAC VAC VAC	400 20830 10480 45 66 True RMS Single. two. three-phase with or without neutral. balanced three-
Operating voltage range Voltage inputs operational frequency Voltage inputs measurement method Connection method	phase-neutral phase-phase phase-neutral min	VAC VAC VAC	20830 10480 45 66 True RMS Single. two. three-phase with or without neutral.
Rated voltage (Ue) Operating voltage range Voltage inputs operational frequency Voltage inputs measurement method Connection method Current inputs	phase-neutral phase-phase phase-neutral min	VAC VAC VAC Hz Hz	20830 10480 45 66 True RMS Single. two. three-phase with or without neutral. balanced three-phase systems
Rated voltage (Ue) Operating voltage range Voltage inputs operational frequency Voltage inputs measurement method Connection method Current inputs Rated current (le)	phase-neutral phase-phase phase-neutral min	VAC VAC VAC	20830 10480 45 66 True RMS Single. two. three-phase with or without neutral. balanced three- phase systems
Rated voltage (Ue) Operating voltage range Voltage inputs operational frequency Voltage inputs measurement method Connection method Current inputs Rated current (Ie) Measurement range	phase-neutral phase-phase phase-neutral min	VAC VAC VAC Hz Hz	20830 10480 45 66 True RMS Single. two. three-phase with or without neutral. balanced three-phase systems 5 0.016
Rated voltage (Ue) Operating voltage range Voltage inputs operational frequency Voltage inputs measurement method Connection method Current inputs Rated current (le)	phase-neutral phase-phase phase-neutral min	VAC VAC VAC Hz Hz	20830 10480 45 66 True RMS Single. two. three-phase with or without neutral. balanced three-phase systems 5 0.016 TRMS
Rated voltage (Ue) Operating voltage range Voltage inputs operational frequency Voltage inputs measurement method Connection method Current inputs Rated current (Ie) Measurement range Measurement method	phase-neutral phase-phase phase-neutral min	VAC VAC VAC Hz Hz	20830 10480 45 66 True RMS Single. two. three-phase with or without neutral. balanced three- phase systems 5 0.016 TRMS +20% le through
Rated voltage (Ue) Operating voltage range Voltage inputs operational frequency Voltage inputs measurement method Connection method Current inputs Rated current (Ie) Measurement range	phase-neutral phase-phase phase-neutral min	VAC VAC VAC Hz Hz	20830 10480 45 66 True RMS Single. two. three-phase with or without neutral. balanced three-phase systems 5 0.016 TRMS





COMPUESTO POR UN MULTÍMETRO DMG100 Y 3 TCS 100/5A PARA CABLE DE Ø22MM

Overload peak		A	50A for 1s
Primary current Ipn (/5)		A	100
Secondary output current		A	5
Overload withstand Ipn		%	120
Accuracy		70	120
rioditacy	VLN voltage		±0.5%
	VLL voltage		±0.5%
	Current		±0.5%
	Frequency		±0.05%
	Active power		±0.05% ±1%
Insulations	Active power		±170
Rated insulation voltage Ui IEC/EN		V	720
Rated impulse withstand voltage Uimp		kV	9.5
Operating frequency withstand voltage		kV	5.2
IEC rated short-time thermal current Ith		Ith for s	4060
IEC rated dynamic current Idyn		Ith for s	2.5
Insulation dry type			Class E
Mechanical features			
Housing type			Polyamide
Terminals type			Fixed
Conductor cross section			
	min	mm²	0.2
	Max	mm²	4
	min	AWG	24
	Max	AWG	12
Tightening torque (Max)			
		Nm	0.8
		lbin	7
Fixing			Din rail
Weight		g	1035
Ambient conditions			
Temperature			
Operating temperature			
- 1	min	°C	-20
	max	°C	+60
Storage temperature	THAX		
Ciorago tomporataro	min	°C	-30
	max	°C	+80
Relative humidity	παλ	<u> </u>	<90
Maximum Pollution degree		/0	2
Protection degree			IP30
ETIM classification			11.30
L TIVI Glassification			EC002301 -
			Multifunction
ETIM 8.0			measuring
			instrument
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