

Product designation				Current transformer kit
Product type designation				DMG200 and 3 CTs 60/5A
Type				Three-phase + neutral
DIN rail module number				4
Auxiliary supply Us				
Auxiliary rated supply voltage AC			VAC	100...240
Auxiliary rated supply voltage DC			VDC	110...250
Auxiliary operating voltage range AC				
	min	VAC	85	
	Max	VAC	264	
DC				
	min	VDC	93.5	
	Max	VDC	300	
Operational frequency				
	min	Hz	45	
	max	Hz	66	
Power consumption				
	Max	VA	3.5	
Power dissipation Max			W	1.2
Measuring voltage inputs				
Rated voltage (Ue)				
	phase-phase		VAC	690
	phase-neutral		VAC	400
Operating voltage range				
	phase-phase		VAC	20...830
	phase-neutral		VAC	10...480
Voltage inputs operational frequency				
	min	Hz	45	
	max	Hz	66	
Voltage inputs measurement method			True RMS	
Connection method			Single. two. three-phase with or without neutral. balanced three-phase systems	
Current inputs				
Rated current (Ie)			A	5
Measurement range			0.01...6	
Measurement method			TRMS	
Overload capacity			+20% Ie through external CT with 5A secondary	
Overload peak			A	50A for 1s
Primary current Ipn (/5)			A	60
Secondary output current			A	5
Overload withstand Ipn			%	120
Accuracy				
	VLN voltage		±0.5%	
	VLL voltage		±0.5%	

Current	±0.5%
Frequency	±0.05%
Active power	±1%

Insulations

Rated insulation voltage Ui IEC/EN	V	690
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	40...60
IEC rated dynamic current Idyn	Ith for s	2.5
Insulation dry type		Class E

Mechanical features

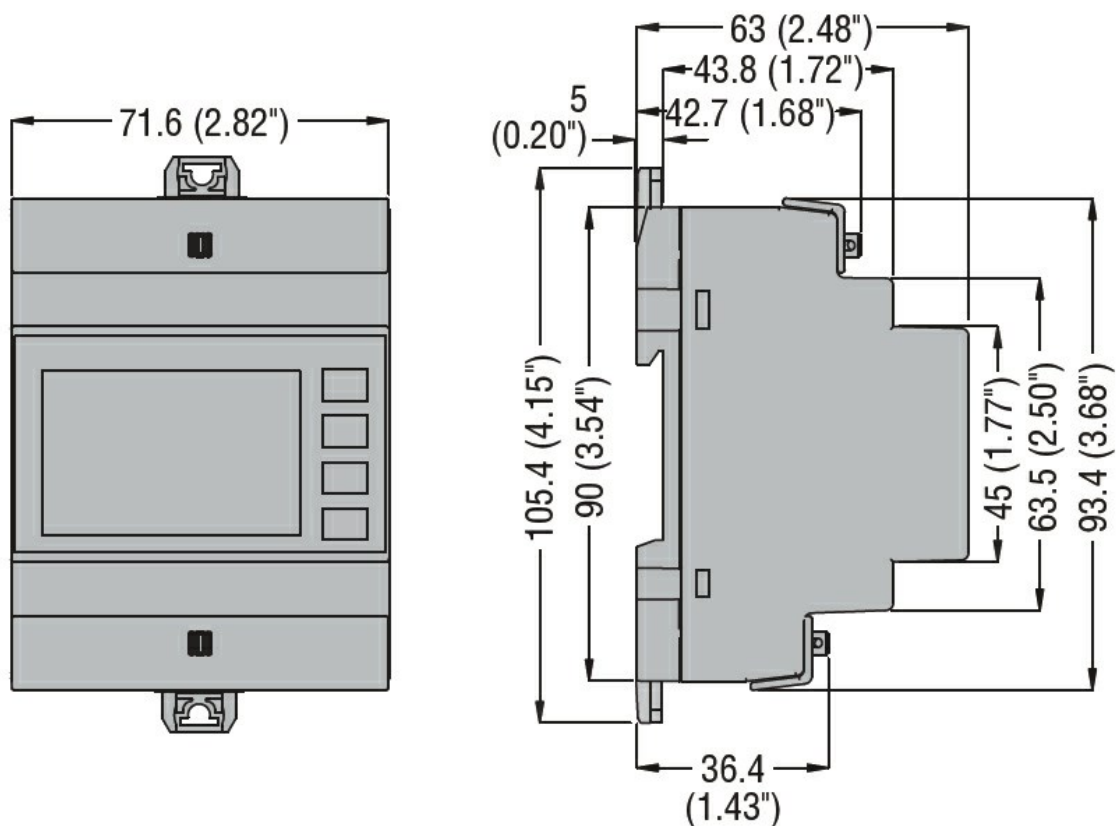
Housing type		Polyamide
Terminals type		Fixed
Conductor cross section		
	min	mm ² 0.2
	Max	mm ² 4
	min	AWG 24
	Max	AWG 12

Tightening torque (Max)		
	Nm	0.8
	lbin	7
Fixing		Din rail
Weight	g	1026

Ambient conditions

Temperature			
Operating temperature			
	min	°C	-20
	max	°C	+60
Storage temperature			
	min	°C	-30
	max	°C	+80
Relative humidity		%	<90
Maximum Pollution degree			2
Protection degree			IP30

Dimensions



ETIM classification

ETIM 8.0

EC002301 -
Multifunction
measuring
instrument