



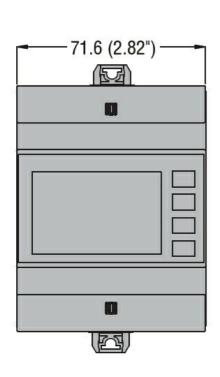
Product designation			Modular LCD multimeters. non expandable
Product type designation			DMG210
Туре			Three-phase + neutral
DIN rail module number			4
Auxiliary supply Us			
Auxiliary rated supply voltage AC		VAC	100240
Auxiliary rated supply voltage DC		VDC	110250
Auxiliary operating voltage range			_
AC			
	min	VAC	85
	Max	VAC	264
DC			
	min	VDC	93.5
	Max	VDC	300
Operational frequency			
	min	Hz	45
	max	Hz	66
Power consumption			_
•	Max	VA	4.5
Power dissipation Max	<u></u>	W	1.7
Measuring voltage inputs			
Rated voltage (Ue)			
	phase-phase	VAC	690
	phase-neutral	VAC	400
Operating voltage range	priace ricultura		
operating vertage range	phase-phase	VAC	20830
	phase-neutral	VAC	10480
Voltage inputs operational frequency	priase ricultar	VAO	10400
Voltage inputs operational frequency	min	Hz	45
		Hz	66
Voltage inputs maggurement method	max	ΙΙΖ	
Voltage inputs measurement method			True RMS
			Single. two. three-phase with
Connection method			unce-phase with
Connection method			
			or without neutral.
			or without neutral. balanced three-
Current inputs			or without neutral.
Current inputs Rated current (le)		A	or without neutral. balanced three- phase systems
Rated current (le)		A	or without neutral. balanced three- phase systems 5
Rated current (le) Measurement range		A	or without neutral. balanced three-phase systems 5 0.016
Rated current (le)		A	or without neutral. balanced three- phase systems 5 0.016 TRMS
Rated current (le) Measurement range Measurement method		A	or without neutral. balanced three- phase systems 5 0.016 TRMS +20% le through
Rated current (le) Measurement range		A	or without neutral. balanced three- phase systems 5 0.016 TRMS

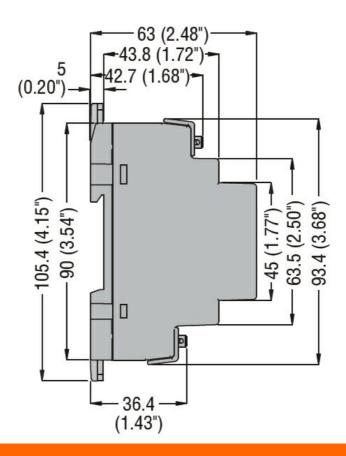


VLN voltage	Overload peak		Α	50A for 1s
VILL voltage 10.5% 10.5				
Current Frequency 10,5% 20,5% 20,50%		VLN voltage		±0.5%
Prequency Active power		-		
Active power				
Active energy Class 1 (IEC/EN 62053-21)				
Reactive energy		Active power		
Reactive strings		Active energy		62053-21)
Baud rate bps Programmable 120038400 Insulations Rated insulation voltage Ui IEC/EN V 690 Rated impulse withstand voltage Uimp kV 9.5 Operating frequency withstand voltage TV 7.0 Functions V 7.0 Functions THD only 1.0 PLC logic No No PLC logic No 8.485 Ethernet-RS485 gateway function No 8.485 Ethernet-RS485 gateway function Polyamide Housing type Polyamide Terminals type Polyamide Conductor cross section Min mm² 0.2 Reminals type Polyamide 1 Conductor cross section Min mm² 0.2 Tightening torque (Max) Min AWG 2.4 Fixing Nm 0.8 1 Weight 9 Nm 0.8 1 Fixing Min °C -20 2		eactive energy		
Rated insulation voltage Ui IEC/EN V 690 Rated insulation voltage Ui IEC/EN V 690 Rated insulation voltage Uimp kV 9.5 Coperating frequency withstand voltage Uimp kV 5.2 Functions THD only PLC logic No Polyamide Poly	RS485 serial interface			
Rated insulation voltage Ui IEC/EN V 690 Rated impulse withstand voltage Uimp kV 9.5 Operating frequency withstand voltage KV 5.2 Functions W 5.2 Harmonic analysis THD only PLC logic No RS485 Ethernet-RS485 gateway function RS485 Ethernet-RS485 gateway function No Mechanical features Polyamide Foundation for the state of the sta			bps	
Rated impulse withstand voltage Uimp				
No				
Functions Harmonic analysis THD only PLC logic No Type of communication port RS485 Ethernet-RS485 gateway function No Mechanical features Housing type Polyamide Terminals type Fixed Conductor cross section min mm² on mm				
Harmonic analysis THD only PLC logic No Type of communication port RS485 Ethernet-RS485 gateway function No Mechanical features Polyamide Terminals type Fixed Conductor cross section min mm² Maw mm² 4 amin aww mm² 2 amin aww mm² 2 amin aww mm² 2 amin aww mm² 2 amin aww mm² 4 amin aww mm² 4 amin aww mm² 2 a			kV	5.2
PLC logic No Type of communication port RS485 Ethernet-RS485 gateway function No Mechanical features Polyamide Terminals type Fixed Conductor cross section min mm² 0.2 Max mm² 4 min AWG 24 min AWG 12 24 min AWG 12 Tightening torque (Max) Nm 0.8 lbin 7 Fixing Din rail Weight g 300 Ambient conditions g 300 Temperature min °C -20 max °C +60 Storage temperature min °C -30 max °C +60 Relative humidity % <90				TUD
Type of communication port RS485 Ethernet-RS485 gateway function No Mechanical features Fixed Terminals type Polyamide Exercise of Exer				
Ethernet-RS485 gateway function No Mechanical features Housing type Polyamide Terminals type Fixed Conductor cross section min mm² 0.2 Max mm² 4 min AWG 24 min AWG 12 Max Max MWG 12 12 Tightening torque (Max) Nm 0.8 lbin 7 Fixing Din rail Weight g 300 Ambient conditions Temperature Min °C -20 max °C +60 Storage temperature min °C -30 max °C +60 Storage temperature min °C -30 max °C +80 Relative humidity % <90				
Mechanical features Housing type Polyamide Terminals type Fixed Conductor cross section min 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 300 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				
Housing type				INO
Terminals type				Dolyamida
Conductor cross section				
Max mm² 0.2 Max mm² 4 min AWG 24 Max AWG 12				rixeu
Max mm² 4 min AWG 24 min AWG 24 min AWG 12	Conductor cross section	min	mm²	0.2
Max AWG 24 Max AWG 12				
Max AWG 12				
Nm 0.8				
Nm 0.8	Tightening torque (Max)	IVICA	7,,,,,	12
Ibin 7 Fixing Din rail Weight g 300 Ambient conditions Temperature Min °C -20 max °C +60 Storage temperature min °C -30 max °C +80 Relative humidity % <90	righterining terque (max)		Nm	0.8
Fixing Din rail Weight g 300 Ambient conditions Temperature Storage temperature min °C -20 max °C +60 Storage temperature min °C -30 max °C +80 Relative humidity % <90				
Weight g 300 Ambient conditions Temperature Min °C -20 max °C +60 Storage temperature min °C -30 max °C +80 Relative humidity % <90	Fixing		10111	<u> </u>
Ambient conditions Temperature Operating temperature min °C -20 max °C +60 Storage temperature min °C -30 max °C +80 Relative humidity % <90			a	
Operating temperature	<u> </u>		9	
Operating temperature min max °C max -20 max °C +60 Storage temperature min °C -30 max °C +80 Relative humidity % <90				
min max °C -20 max -20 cc Storage temperature min °C -30 max °C +80 Relative humidity % <90	·			
max °C +60 Storage temperature min °C -30 max °C +80 Relative humidity % <90	, , ,	min	°C	-20
min max °C max -30 cm Relative humidity % <90				
min max °C max -30 cm Relative humidity % <90	Storage temperature			
Relative humidity % <90 Maximum Pollution degree 2 Protection degree IP30		min	°C	-30
Maximum Pollution degree2Protection degreeIP30		max	°C	+80
Protection degree IP30			%	<90
	Maximum Pollution degree			2
Dimensions				IP30
	Dimensions			

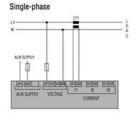


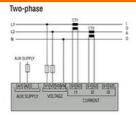


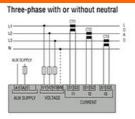




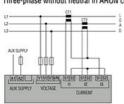


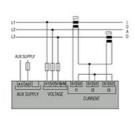


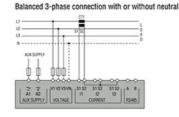




Three-phase without neutral in ARON connection







CODE	AUX SUPPLY
DMG100-110-200-210-300	100240VAC 110250VDC
DMG6	100440VAC 110250VDC
DMG7000-7500-8000-9000	100240VAC

RS485 for DMG210	DMG110 and
TR A B SG RS485	

RS485 for DMG610

RS485 for DMG7500 and DMG9000

Certifications and compliance

Compliance

CSA C22.2 n°14

IEC/EN 61000-6-2

IEC/EN 61000-6-4

IEC/EN 61010-1

UL508



instrument



ENERGY AND AUTOMATION

DIG. MULTIMESSINSTRUMENTE 128X80 PIXEL, RS485, 100÷240VAC/110÷250VDC

Certificates		
	cULus	
	EAC	
	GOST	
	RCM	
ETIM classification	on .	
ETIM 8.0		EC002301 - Multifunction measuring