electric АНАЛИЗАТОР МОЩНОСТИ С ЖК ДИСП. НАПР. ПИТ. 100...240VAC. РАСШИР. С 3 EXP... МОД., ВСТРОЕН. RS485 ПОРТ., COBMECT. C CИСТ. EASY BRANCH **ENERGY AND AUTOMATION**

4012	399.7	399.2
#0 1.2	5.479	4.977
00000	01.597	3.186

Product designation			Panel m. color glcd mult., RS485
Product type designation			DMG7500
Туре			Three-phase + neutral
Auxiliary supply Us			
Auxiliary rated supply voltage AC		VAC	100240
Auxiliary rated supply voltage DC		VDC	110250
Auxiliary operating voltage range			
AC			
	min	VAC	90
	Max	VAC	264
DC			
	min	VDC	100
	Max	VDC	300
Operational frequency			
	min	Hz	45
	max	Hz	66
Power consumption			
	Max	VA	15
Power dissipation Max		W	6
Measuring voltage inputs			
Rated voltage (Ue)			
	phase-phase	VAC	600
	nhaga nautral	VAC	347
	phase-neutral		
Operating voltage range	priase-neutrai		
Operating voltage range	phase-phase	VAC	40830
Operating voltage range			40830 5480
Operating voltage range Voltage inputs operational frequency	phase-phase	VAC	
	phase-phase	VAC	
	phase-phase phase-neutral	VAC VAC	5480
	phase-phase phase-neutral min	VAC VAC Hz	5480 45 and 360
Voltage inputs operational frequency	phase-phase phase-neutral min	VAC VAC Hz	5480 45 and 360 66 and 440 True RMS Single. Two.
Voltage inputs operational frequency	phase-phase phase-neutral min	VAC VAC Hz	5480 45 and 360 66 and 440 True RMS Single. Two. Three-phase with
Voltage inputs operational frequency Voltage inputs measurement method	phase-phase phase-neutral min	VAC VAC Hz	5480 45 and 360 66 and 440 True RMS Single. Two. Three-phase with or without neutral.
Voltage inputs operational frequency	phase-phase phase-neutral min	VAC VAC Hz	5480 45 and 360 66 and 440 True RMS Single. Two. Three-phase with or without neutral. Balanced three-
Voltage inputs operational frequency Voltage inputs measurement method	phase-phase phase-neutral min	VAC VAC Hz	5480 45 and 360 66 and 440 True RMS Single. Two. Three-phase with or without neutral. Balanced three-phase system.
Voltage inputs operational frequency Voltage inputs measurement method	phase-phase phase-neutral min	VAC VAC Hz	5480 45 and 360 66 and 440 True RMS Single. Two. Three-phase with or without neutral. Balanced three-phase system. Three-phase
Voltage inputs operational frequency Voltage inputs measurement method Connection method	phase-phase phase-neutral min	VAC VAC Hz	5480 45 and 360 66 and 440 True RMS Single. Two. Three-phase with or without neutral. Balanced three-phase system.
Voltage inputs operational frequency Voltage inputs measurement method Connection method Current inputs	phase-phase phase-neutral min	VAC VAC Hz Hz	5480 45 and 360 66 and 440 True RMS Single. Two. Three-phase with or without neutral. Balanced three-phase system. Three-phase ARON.
Voltage inputs operational frequency Voltage inputs measurement method Connection method Current inputs Rated current (le)	phase-phase phase-neutral min	VAC VAC Hz	5480 45 and 360 66 and 440 True RMS Single. Two. Three-phase with or without neutral. Balanced three-phase system. Three-phase ARON.
Voltage inputs operational frequency Voltage inputs measurement method Connection method Current inputs	phase-phase phase-neutral min	VAC VAC Hz Hz	5480 45 and 360 66 and 440 True RMS Single. Two. Three-phase with or without neutral. Balanced three-phase system. Three-phase ARON.

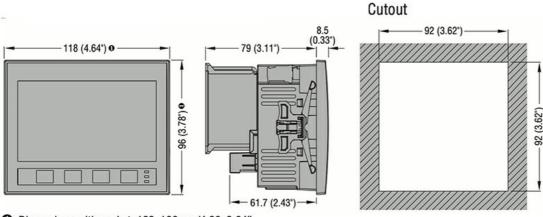
electric АНАЛИЗАТОР МОЩНОСТИ С ЖК ДИСП. НАПР. ПИТ. 100...240VAC. РАСШИР. С 3 EXP... МОД., ВСТРОЕН. RS485 ПОРТ., COBMECT. C CИСТ. EASY BRANCH **ENERGY AND AUTOMATION**

A 120A for 0.5s	Overload capacity			+20% le by external CT with 5A secondary
Class 0.2 (IEC/EN 61557-12), V:50-480V: Class 0.2 VLL voltage	Overload peak		А	
VLN voltage	Accuracy			
12), V:50-480V Class 0.2 (IEC/EN 61557-12), V:87-830V Class 0.2 (IEC/EN 61557-12), V:87-830V Class 0.2 (IEC/EN 61557-12), In:5A-Class 0.02 (IEC/EN 61557-12), In:5A-Class 0.02 (IEC/EN 61557-12) Class 0.02 (IE				
Current Cicco Current Cicco Current Cicco		VLN voltage		(IEC/EN 61557- 12), V:50-480V~
Current Current Class 0.2 (EC/EN 61557-12), In:5A-Class 0.02 (EC/EN 61557-12), In:5A-Class 0.02 (EC/EN 61557-12) Class 0.5 (EC/EN 62053-24) Cl		VLL voltage		Class 0.2 (IEC/EN 61557- 12), V:87-830V~
Frequency		Current		(IEC/EN 61557- 12), In:5A~
Active power		Frequency		(IEC/EN 61557- 12)
Active energy		Active power		(IEC/EN 61557-
Active energy		Reactive power		•
Reactive energy		Active energy		(IEC/EN 62053- 22)
And 15th order harmonics		Reactive energy		•
Insulations Rated insulation voltage Ui IEC/EN Rated impulse withstand voltage Uimp Rated impulse Withstand voltage Withstand voltage Withstand voltage Withstand voltage Withstand voltage PLC logic Rated		THD		•
Rated insulation voltage Ui IEC/EN V 600 Rated impulse withstand voltage Uimp kV 9.6 Operating frequency withstand voltage kV 5.4 Functions KV 5.4 Harmonic analysis 63rd order PLC logic Yes Type of communication port RS485 Ethernet-RS485 gateway function +EXP1013 Data logging memory No Neutral/earth current and voltage monitoring No Statistics of network quality according to EN50160 No EASY BRANCH support Yes Mechanical features Xantar RAL 703 Terminals type Xantar RAL 703 Conductor cross section min mm² 0.2 Max mm² 2.5 min AWG 24 Max AWG 12 Tightening torque (Max) Nm 0.5		2nd 15th order harmonics		Class 5 (IEC/EN 61557-12)
Rated impulse withstand voltage Uimp kV 9.6 Operating frequency withstand voltage kV 5.4 Functions Harmonic analysis 63rd order PLC logic Yes Type of communication port RS485 Ethernet-RS485 gateway function +EXP1013 Data logging memory No Neutral/earth current and voltage monitoring No Statistics of network quality according to EN50160 No EASY BRANCH support Yes Mechanical features Housing type Xantar RAL 703 Terminals type Conductor cross section min mm² 0.2 Max mm² 2.5 min AWG 24 Max AWG 12 Tightening torque (Max) Nm 0.5				
Operating frequency withstand voltage kV 5.4 Functions 63rd order Harmonic analysis 63rd order PLC logic Yes Type of communication port RS485 Ethernet-RS485 gateway function +EXP1013 Data logging memory No Neutral/earth current and voltage monitoring No Statistics of network quality according to EN50160 No EASY BRANCH support Yes Mechanical features Xantar RAL 703 Terminals type Xantar RAL 703 Terminals type Removable Conductor cross section min mm² 0.2 Max mm² 2.5 min AWG 24 Awa AWG 12 Tightening torque (Max) Nm 0.5				
Functions Harmonic analysis 63rd order PLC logic Yes Type of communication port RS485 Ethernet-RS485 gateway function +EXP1013 Data logging memory No Neutral/earth current and voltage monitoring No Statistics of network quality according to EN50160 No EASY BRANCH support Yes Mechanical features Xantar RAL 703 Housing type Xantar RAL 703 Terminals type Removable Conductor cross section min mm² 0.2 Max mm² 2.5 min AWG 24 min AWG 24 min AWG 12 Tightening torque (Max) Nm 0.5	· · · · · · · · · · · · · · · · · · ·			
Harmonic analysis 63rd order			kV	5.4
PLC logic Yes Type of communication port RS485 Ethernet-RS485 gateway function +EXP1013 Data logging memory No Neutral/earth current and voltage monitoring No Statistics of network quality according to EN50160 No EASY BRANCH support Yes Mechanical features Xantar RAL 703 Terminals type Removable Conductor cross section min mm² 0.2 Max mm² 2.5 min AWG 24 Max AWG 12 Tightening torque (Max) Nm 0.5				
Type of communication port Ethernet-RS485 gateway function Data logging memory No Neutral/earth current and voltage monitoring No Statistics of network quality according to EN50160 EASY BRANCH support Wechanical features Housing type Terminals type Conductor cross section min mm² 0.2 Max mm² 2.5 min AWG 24 Max AWG 12 Tightening torque (Max) Nm 0.5	•			
Ethernet-RS485 gateway function +EXP1013 Data logging memory No Neutral/earth current and voltage monitoring No Statistics of network quality according to EN50160 No EASY BRANCH support Yes Mechanical features Housing type Xantar RAL 703 Terminals type Removable Conductor cross section min mm² 0.2 Max mm² 2.5 min AWG 24 Max AWG 12 Tightening torque (Max) Nm 0.5	· · · · · · · · · · · · · · · · · · ·			
Data logging memory No Neutral/earth current and voltage monitoring No Statistics of network quality according to EN50160 EASY BRANCH support Yes Mechanical features Housing type Conductor cross section min mm² 0.2 Max mm² 2.5 min AWG 24 Max AWG 12 Tightening torque (Max) Nm 0.5				
Neutral/earth current and voltage monitoring Statistics of network quality according to EN50160 EASY BRANCH support Wechanical features Housing type Terminals type Conductor cross section min mm² 0.2 Max mm² 2.5 min AWG 24 Max AWG 12 Tightening torque (Max) Nm 0.5				
Statistics of network quality according to EN50160 EASY BRANCH support Mechanical features Housing type Terminals type Conductor cross section min mm² 0.2 Max mm² 2.5 min AWG 24 Max AWG 12 Tightening torque (Max) No No Yes Xantar RAL 703 Removable Conductor cross section				
EASY BRANCH support Mechanical features Housing type Terminals type Conductor cross section min mm² 0.2 Max mm² 2.5 min AWG 24 Max AWG 12 Tightening torque (Max) Nm 0.5				
Mechanical features Housing type Terminals type Conductor cross section min mm² 0.2 Max mm² 2.5 min AWG 24 Max AWG 12 Tightening torque (Max) Nm 0.5				
Housing type Xantar RAL 703 Terminals type Removable				Yes
Terminals type				
Conductor cross section min mm² 0.2 Max mm² 2.5 min AWG 24 Max AWG 12 Tightening torque (Max) Nm 0.5				
min mm² 0.2 Max mm² 2.5 min AWG 24 Max AWG 12 Tightening torque (Max) Nm 0.5				Removable
Max mm² 2.5 min AWG 24 Max AWG 12 Tightening torque (Max) Nm 0.5	Conductor cross section		•	
min AWG 24 Max AWG 12 Tightening torque (Max) Nm 0.5				
Tightening torque (Max) Nm 0.5				
Tightening torque (Max) Nm 0.5				
Nm 0.5	Tightoning torque (Mex.)	Max	AWG	12
	rightering torque (wax)		Nlm	0.5
			Nm Ibin	0.5 4.5

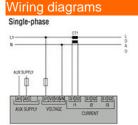


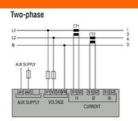
electric АНАЛИЗАТОР МОЩНОСТИ С ЖК ДИСП. НАПР. ПИТ. 100...240VAC. РАСШИР. С 3 ЕХР... МОД., BCTPOEH. RS485 ПОРТ., COBMECT. C CИСТ. EASY BRANCH **ENERGY AND AUTOMATION**

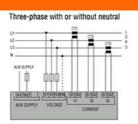
Fixing				Flush-mounting
Weight			g	420
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-20
		max	°C	+60
	Storage temperature			
		min	°C	-30
		max	°C	+80
Relative humidity			%	<80
Maximum Pollution d	egree			2
Protection degree				IP65
Dimensions				

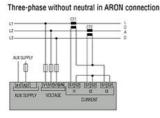


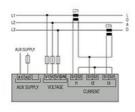
Dimensions with gasket: 122x100mm/4.80x3.94".

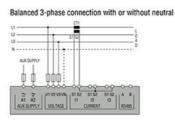












CODE	AUX SUPPLY
DMG100-110-200-210-300	100240VAC 110250VDC
DMG6	100440VAC 110250VDC
DMG7000-7500-8000-9000	100240VAC 110250VDC

RS485 for DMG210	DMG110 an
TR A 8 SG RS485	

RS485 for DMG61
AB
RS485

RS485 for DMG7500 and DMG9000

Certifications and compliance

Compliance

IEC/EN/BS 61000-6-2

IEC/EN/BS 61000-6-4



DMG7500

electric АНАЛИЗАТОР МОЩНОСТИ С ЖК ДИСП. НАПР. ПИТ. 100...240VAC. РАСШИР. С 3 EXP... МОД., ВСТРОЕН. RS485 ПОРТ., COBMECT. C CИСТ. EASY BRANCH **ENERGY AND AUTOMATION**

	IEC/EN/BS 61010-1	
Certificates		
	CE	
	EAC	
	UKCA	
ETIM classification	1	
ETIM 8.0		EC002301 - Multifunction measuring instrument