



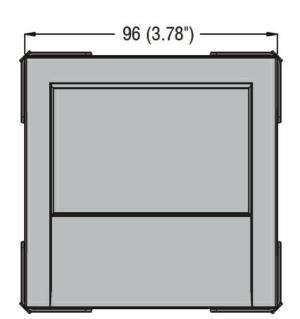
Product designation Product type designation Type		Flush-mount LCD multimeters. expandable DMG600 Three-phase + neutral
Auxiliary supply Us		
Auxiliary rated supply voltage AC	VAC	100440
Auxiliary rated supply voltage DC	VDC	120250
Auxiliary operating voltage range		
AC .	1/40	0.0
min	VAC	90
Max	VAC	484
DC	\/DC	00.5
min Mov	VDC VDC	93.5
Max Operational frequency	VDC	300
Operational frequency	U⊸	A E
min may	Hz Hz	45 66
Power consumption max	ΠΖ	00
Max	VA	9.5
Power dissipation Max	W	3.5
Measuring voltage inputs	VV	3.3
Rated voltage (Ue)		
phase-phase	VAC	600
phase-neutral	VAC	300
Operating voltage range	*****	
phase-phase	VAC	50720
phase-neutral	VAC	30360
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 system
Current inputs		
Rated current (le)	Α	1A/5A
Measurement range		0.011.2 / 0.016
Measurement method		TRMS
		+20% le by
Overload capacity		external CT with
		5A secondary

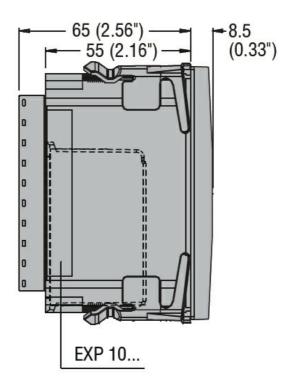


ENERGY AND AUTOMATION

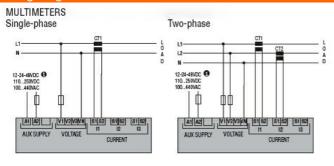
Measurement conditions (T +23°C ±1°C / Rel. Humidity 45 ±15% R.H.) VLN voltage	Overload peak		Α	50A for 1s
VLN voltage				
VLL voltage 20.5%	Measurement conditions (T +23°C ±1°C / Rel. Humidity 45 ±15% R.H.)			
Current frequency				±0.5%
Part		VLL voltage		
Active power		current		
Relative energy		frequency		
Reactive energy		active power		±0.5%
Preactive energy Freactive				
Presentive of the protection of the protectio		active energy		
Table Tab				•
Insulations		reactive energy		
Rated insulation voltage Uir IEC/EN V 600 Rated impulse withstand voltage Uimp kV 9.5 Operating frequency withstand voltage kV 5.2 Mechanical features Flousing type Polyamide Terminals type Removable Conductor cross section min mm² mm² 0.2 Tightening torque (Max) Nm min AWG 24 Max aww mm² 2.5 Max mm² 0.5 12 Tightening torque (Max) Nm 0.5 lbin 4.5 Fixing Flush-mounting Weight g 300 Ambient conditions Temperature Temperature Operating temperature min °C -20 max °C +60 Storage temperature min °C -30 max °C +60 Relative humidity % < 90		· · · · · · · · · · · · · · · · · · ·		62053-23)
Rated impulse withstand voltage Uimp kV 9.5 Operating frequency withstand voltage Mechanical features Holyamide Holyamide Terminals type Polyamide Conductor cross section min min mm² 0.2 mm²				
Departing frequency withstand voltage kV 5.2				
Mechanical features Housing type Polyamide Terminals type Removable Conductor cross section min min mm² 0.2 Max mm² 2.5 min AWG 24 Max AWG 12 Tightening torque (Max) Nm 0.5 lbin 4.5 Fixing Flush-mounting Weight g 300 Ambient conditions Flush-mounting Temperature min °C -20 max °C +60 Storage temperature min °C -30 max °C +80 Relative humidity % 90 Maximum Pollution degree 1P54				
Housing type Polyamide Terminals type Removable Conductor cross section min min mm² 0.2 max mm² 2.5 min AWG 24 min AWG 24 min AWG 12 Tightening torque (Max) Nm 0.5 min 4.5 min 4.5 Fixing Flush-mounting Weight g 300 Ambient conditions Flush-mounting Temperature min °C -20 max °C +60 Storage temperature min °C -30 max °C +80 Relative humidity % 90 Maximum Pollution degree 2 Protection degree 1P54	· • · · ·		kV	5.2
Terminals type Removable Conductor cross section min mm² mm² 0.2 mm² 2.5 min AWG 24 mm² AWG 12 Tightening torque (Max) Nm 0.5 lbin 4.5 Fixing Flush-mounting Weight g 300 Ambient conditions g 300 Temperature min °C -20 max °C +60 Storage temperature min °C -30 max °C +80 Relative humidity % <90				
Conductor cross section				
Min min mm² 0.2 Max mm² 2.5 min AWG 24 Max AWG 12	• • • • • • • • • • • • • • • • • • • •			Removable
Max mm² 2.5 min AWG 24 max MWG 12 Max AWG 12 Max MWG 12 Max MW	Conductor cross section			
min AWG 24 Max AWG 12 Tightening torque (Max) Nm 0.5 Ibin 4.5 Fixing Flush-mounting 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 Maximum Pollution degree 2 Protection degree IP54		min	mm²	0.2
Max AWG 12		Max	mm²	2.5
Tightening torque (Max)		min	AWG	24
Nm 0.5 1bin 4.5		Max	AWG	12
Ibin 4.5 Fixing Flush-mounting Weight g 300 Ambient conditions	Tightening torque (Max)			
Fixing Flush-mounting Weight g 300 Ambient conditions Temperature min °C -20 max °C +60 Storage temperature min °C -30 max °C +80 Relative humidity % <90			Nm	0.5
Weight g 300 Ambient conditions Temperature min °C -20 max °C +60 Storage temperature min °C -30 max °C +80 Relative humidity % <90			lbin	4.5
Ambient conditions Temperature Operating temperature min °C -20 max °C +60 Storage temperature min °C -30 max °C +80 Relative humidity % <90	Fixing			Flush-mounting
Ambient conditions Temperature Operating temperature min °C -20 max °C +60 Storage temperature min °C -30 max °C +80 Relative humidity % <90	Weight		g	300
Operating temperature min °C -20 max °C +60 Storage temperature min °C -30 max °C +80 Relative humidity % <90	Ambient conditions			
min max °C -20 max	Temperature			
min °C -20 max °C +60	Operating temperature			
Storage temperature min max °C -30 max -30 max Relative humidity % <90		min	°C	-20
min max °C -30 max Relative humidity % <90				
min max °C -30 max Relative humidity % <90	Storage temperature			
Relative humidity % <90 Maximum Pollution degree 2 Protection degree IP54		min	°C	-30
Relative humidity % <90 Maximum Pollution degree 2 Protection degree IP54				
Maximum Pollution degree 2 Protection degree IP54	Relative humidity			
Protection degree IP54	·			
	<u> </u>			
	Dimensions			

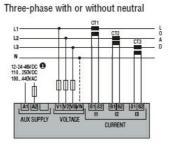




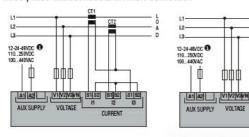


Wiring diagrams





Three-phase without neutral in ARON connection



Certifications and compliance

Compliance

CSA 22.2 n°61010-1

IEC/EN 61000-6-2

IEC/EN 61000-6-3

IEC/EN 61010-1

IEC/EN 61010-2-030

UL61010-1

Certificates

cULus

EAC

GOST

RCM







ETIM classification

ETIM 8.0

EC002301 -Multifunction measuring instrument