

new



DMG100



DMG200



DMG300



EXM1000



EXM1010

DMG digital multimeters and power analysers are equipped with a digital LCD display providing extremely clear, intuitive and flexible viewing of all electrical parameters in an installation. DMG digital multimeters in a modular housing (4 modules wide)

- Modular DIN rail mounting (*aligns with standard MCB 45mm cutout*)
- Accuracy: Voltage/Current: $\pm 0.5\%$ (*True RMS measurements*)
 Power: $\pm 1\%$ f.s.
 Frequency: $\pm 0.05\%$
 Active energy: Class 1

Main measurements:

- Voltage: phase, line and system values
- Current: phase values (*neutral current calculated*)
- Power: apparent, active and reactive phase and total values
- Power Factor (PF) per phase and total
- Frequency of measured voltage value
- HIGH-LOW-AVERAGE value functions of all measurements
- Maximum demand of power and current values
- Asymmetric voltage and current
- Total harmonic distortion (THD) of voltage and current values
- Energy meters for active, reactive and apparent values
- Hour counter (*total and partial*)

type	description	module width x 18 mm
DMG100 series LCD multimeters <i>economical with icon display</i>		
	<ul style="list-style-type: none"> • Auxiliary power supply: 100 - 240 VAC / 120 - 250 VDC • Input current: CT - 1A or 5A • Voltage measurement: 50 - 720 VAC L-L • Harmonic analysis of V and I up to the 15th order 	
DMG100	modular power analyser	4
DMG110	modular power analyser with RS485 interface	4
DMG200 series LCD multimeters <i>with graphic backlight LCD display</i>		
	<ul style="list-style-type: none"> • Auxiliary power supply: 100 - 240 VAC / 110 - 250 VDC • Input current: CT - 5A • Voltage measurement: 20 - 830 VAC L-L 	
DMG200	modular power analyser	4
DMG210	modular power analyser with RS485 interface	4
DMG300 series (expandable) <i>with graphic backlight LCD display</i>		
	<ul style="list-style-type: none"> • Auxiliary power supply: 100 - 240 VAC / 110 - 250 VDC • Input current: CT - 1A or 5A • Voltage measurement: 20 - 830 VAC L-L / 10-480 VAC L-N • Optional communication ports: USB, RS232, RS485, Ethernet • Harmonic analysis of voltage and current up to the 31^o order • Energy meters for active, reactive, apparent power with programmable tariff function • Accuracy: voltage/current $\pm 0.2\%$ power/power factor $\pm 0.5\%$ frequency $\pm 0.05\%$ active energy class 0.5S (IEC/EN 62053-22) 	
DMG300*	modular power analyser (<i>up to 344 measured quantities</i>)	4
* Accepts EXM...(up to 3) plug-in optic expansion modules		
Expansion modules and accessories for DMG300		
EXM8004	sealable terminal cover for DMG200/210/300	2
EXM1000	2 digital inputs and 2 static outputs, opto-isolated	2
EXM1001	2 opto-isolated digital inputs and 2 relay outputs (5A 250 VAC)	2
EXM1010	opto-isolated USB interface	2
EXM1011	opto-isolated RS232 interface	2
EXM1012	opto-isolated RS485 interface	2
EXM1013	opto-isolated Ethernet interface with Web server function	2
EXM1020	opto-isolated RS485 interface and 2 relay outputs (5A 250 VAC)	2
EXM1030	data storage, clock-calendar (RTC) with backup for event logging	2