

GEYER SMART SOLUTIONS

ER4100WM

Smart Three-Phase Wi-Fi Energy Meter & Voltage Monitor

Three-phase · 2-in-1 energy meter and voltage monitor

100 A per phase | 4 DIN modules | Wi-Fi 2.4 GHz

Live per-phase measurements, energy history and adjustable electrical alerts in one smart device.



GENERAL SPECIFICATIONS

Description	Three-phase Wi-Fi energy meter & voltage monitor
Dimensions	76 x 75.3 x 93 mm
Mounting	35 mm DIN rail, EN 60715
Width	4 DIN modules
System	Three-phase · L1, L2, L3, N
Connectivity	Wi-Fi 2.4 GHz · Bluetooth
Operating temperature	-10 °C to +60 °C

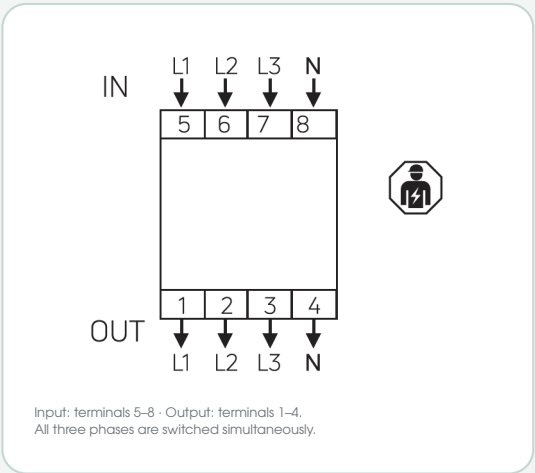
ELECTRICAL SPECIFICATIONS

Input voltage	100-240 VAC per phase (L-N)
Frequency	50-60 Hz
Rated contact current	100 A / 250 VAC per phase, cosφ = 1
Circuit switching	L1, L2 and L3 switch together · neutral remains continuous
Voltage monitoring	Overvoltage, undervoltage and adjustable conditions

APP FUNCTIONS & CAPABILITIES

Per-phase values	Voltage, current, active power and power factor
Total data	Total energy and cost data
History	Statistics by day, month and year
Schedules	Up to 30 schedules, daily or weekly
Automations	Countdown · automatic shut-off
Sharing	Up to 20 users · push notifications

WIRING DIAGRAM



COMPLIANCE & COMMERCIAL DETAILS

Compliance	CE
European Directives	RED 2014/53/EU · LVD 2014/35/EU · EMC 2014/30/EU · RoHS 2011/65/EU + (EU) 2015/863
Warranty	2 years
EAN	5206277007789

Imported by: GEYER Hellas S.A.,
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Chalkida, Greece



Installation, required protection and conductor sizing must be assessed by a licensed electrician, with the power supply isolated.