

GEYER SMART SOLUTIONS

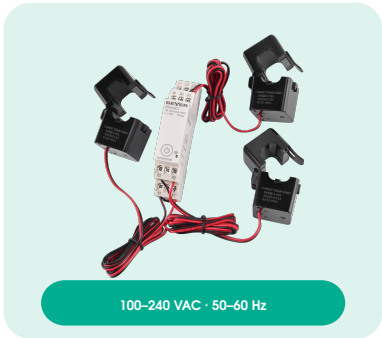
ER3100CT

Smart Three-Phase Wi-Fi Energy Meter

Three-phase · 3 external split-core current transformers

100 A per phase | 1 DIN module | Wi-Fi 2.4 GHz

Bidirectional imported and exported energy measurement without routing the load through the meter.



GENERAL SPECIFICATIONS

Description	Smart three-phase Wi-Fi energy meter
Dimensions	65.5 x 18 x 90 mm
Mounting	35 mm DIN rail, EN 60715
Width	1 DIN module
System	Three-phase
Connectivity	Wi-Fi 2.4 GHz
Operating temperature	-10 °C to +60 °C

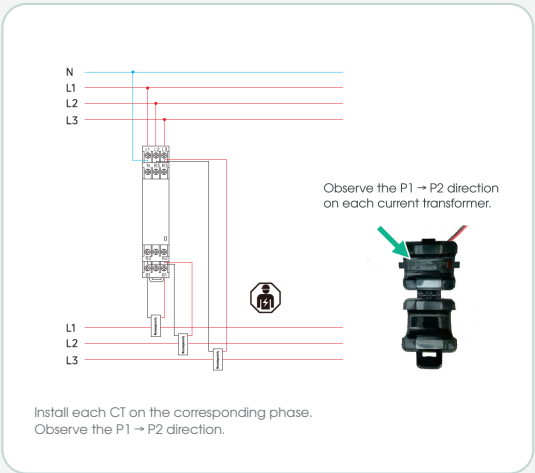
ELECTRICAL SPECIFICATIONS

Input voltage	100-240 VAC per phase (L-N)
Frequency	50-60 Hz
Maximum measured current	100 A per phase
Current measurement	3 external split-core CTs
Output function	Measurement only · no relay output

APP FUNCTIONS & CAPABILITIES

Per-phase measurements	Voltage, current and active power L1 / L2 / L3
Total measurements	Active/reactive power · total power factor
Bidirectional energy	Total, imported and exported active energy
History	Statistics by day, month and year
Notifications	Push notifications for events
Sharing	Up to 20 users

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	5206277008748

Imported by: GEYER Hellas S.A.,
Mourikiou-Drosias Provincial Road, P.C. 34100,
Chalkida, Greece



Installation and electrical connection must be carried out by a licensed electrician. Isolate the power supply before any work.