

GEYER SMART SOLUTIONS

ER163CT

Smart Wi-Fi Energy Meter

Single-phase · External split-core current transformer

70 A | 1 DIN module | Wi-Fi 2.4 GHz

Live and historical energy monitoring without routing the load through the meter.



GENERAL SPECIFICATIONS

Description	Smart single-phase Wi-Fi energy meter
Dimensions	70.5 × 17.5 × 86.5 mm
Mounting	35 mm DIN rail, EN 60715
Width	1 DIN module (17.5 mm)
System	Single-phase
Connectivity	Wi-Fi 2.4 GHz
Operating temperature	-10 °C to +60 °C

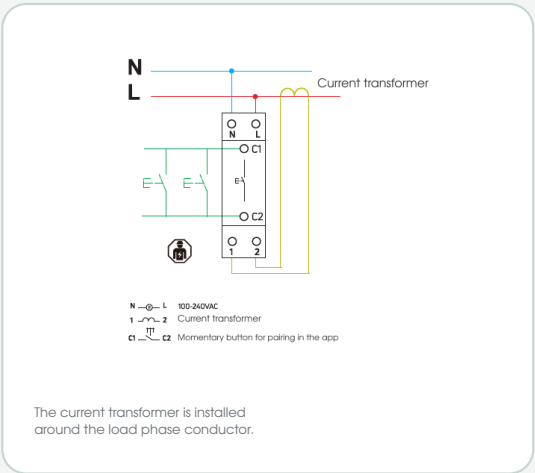
ELECTRICAL SPECIFICATIONS

Input voltage	100-240 VAC
Frequency	50-60 Hz
Maximum measured current	70 A
Current measurement	External split-core current transformer
Output function	Measurement only · no relay output

APP FUNCTIONS & CAPABILITIES

Live measurements	Voltage, current, active power and energy
Energy logging	Daily, monthly and total
History	Display and analysis of measurements
Notifications	Push notifications for events
Sharing	Up to 20 users
C1 / C2 button	Optional momentary button for pairing

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	5206277008731

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