

GEYER SMART SOLUTIONS

ER140WM

Smart Wi-Fi Relay & Energy Meter

40 A | 1 DIN module (17.5 mm) | Wi-Fi 2.4 GHz + Bluetooth

Single-channel Wi-Fi relay and energy meter for remote ON/OFF control, scheduling and monitoring of compatible loads up to 40 A.



100-240 VAC | 50-60 Hz

GENERAL CHARACTERISTICS

Description	Smart Wi-Fi Relay & Energy Meter
Dimensions	65.5 x 19 x 90.5 mm
Mounting	35 mm DIN rail, EN 60715
Width	1 DIN module (17.5 mm)
Connectivity	Wi-Fi 2.4 GHz + Bluetooth
Neutral	Required
Operating temperature	-10 °C to +65 °C

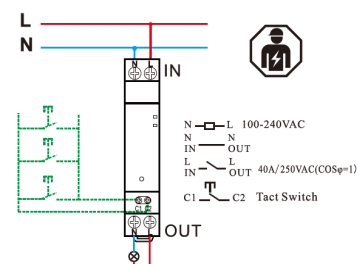
ELECTRICAL CHARACTERISTICS

Input voltage	100-240 VAC
Frequency	50-60 Hz
Rated contact current	40 A / 250 VAC, $\cos\phi = 1$
Contact	1NO (SPST-NO), single-pole normally open

FUNCTIONS & APP FEATURES

Control	Remote ON/OFF through GEYER Smart
Scheduling	Up to 30 schedules per day - Internet/cloud required
Timer	Countdown from 1 minute to 23 hours and 59 minutes
Automations	Weekly schedule, sunrise/sunset, repeating ON/OFF and auto-off
Measurements	Voltage, current, power, and daily, monthly, annual and total energy
Measurement threshold	Below 3 W, instantaneous power and energy are shown as zero
Sharing	Up to 20 users
Power restore	ON, OFF or previous-state selection
Other functions	Push notifications, operation history and OTA firmware update

WIRING DIAGRAM



L / N: supply | L OUT / N OUT: load | C1-C2: external dry-contact momentary push-button

COMPLIANCE & COMMERCIAL DATA

Compliance	CE
European Directives	LVD 2014/35/EU, EMC 2014/30/EU, RED 2014/53/EU
Warranty	2 years
EAN	5206277008724

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



Installation, protection selection and load-suitability assessment must be carried out by a licensed electrician.