

The single and three-phase versions of the Wibeee One device allow the user to read, store and manage the electrical parameters while the device is connected to a WiFi wireless connection. The ergonomic design of the two versions of Wibeee One means that these devices can be adapted as “LEGO” pieces to standard 2-module (L and N) and 4-module (3L and N) thermal-magnetic circuit breakers. The reduced dimensions of Wibeee One make it easy to install on the electrical board, with no need to expand or add other elements and with no additional space required on the electrical board.

Wibeee 2W / 4W features precision sensors to detect current and magnetic terminals, which capture voltage and power the device. The device has been designed for currents lower than 65A. It features a communication system and embedded firmware to connect to the local WiFi network and transmit data to the cloud. The free APP allows the local configuration of the device and the display of real-time data and full access to the historical data in the cloud.

## Technical Features

Power circuit	Connection type	Single or three-phase
	Voltage range	2W/4W: 85 ... 265 V ~ 3W: 100 ... 440 V ~ (F-F)
	Frequency	50 - 60 Hz
	Power	2W/4W: 1.5 ... 4.5 VA 3W: 2.8 ... 4 VA
Measurement circuit	Rated voltage	2W/4W: 85 ... 265 V ~ 3W: 100 ... 440 V ~ (F-F)
	Nominal current	65 A (16 mm2)
Accuracy class	Voltage	2%
	Current	2%
Communications	Type	Wi-Fi (IEEE 802.11)
	Protocol	HTTP, Modbus/TCP, XML
	Frequency range	2,405 - 2,480 GHz
	Encryption	AES128
	Certification	FCC (USA), IC (CANADA), ETSI (EUROPE)
Build features	Enclosure material	Self-extinguishing UNE 21031 90 °C
	Weight	2W: 37 g 4W: 64 g 3W: 53 g
	Protection degree	IP 40
Environmental conditions	Operating temperature	-10°C ... +45°C
	Humidity (non-condensing)	10% ... 90% (non-condensing)
	Maximum altitude	2,000 m
Safety	IEC 61010-1:2001 Double-insulated electric shock protection class II	
Standards	UNE-EN 61010-2-030:2011, UNE-EN 61326- 1:2006, EN 301 489-17 V2.2.1	



4W



3W



2W