

Wibeee Max is a high-accuracy and very versatile device connected to the cloud through the Wibeee platform; it allows the sub-metering of three-phase lines for medium and high currents. The device can adjust the current measurement to up to 10kA with the escalation of the current sensors. Therefore, Wibeee Max is a very effective solution to measure the electrical parameters in industrial projects or commercial buildings or offices.

Wibeee Max has been designed to make the installation process as simple as possible. No additional tools are required to install the device; the meter features magnetic attachment elements, can be attached with screws or mounted on a DIN rail. It also features two output connectors for the flexible sensor sets and connection elements for voltage terminals. Wibeee Max features a small internal memory that can retrieve information in the event of a temporary interruption of the WiFi connection. Wibeee Max connects to the local WiFi network with the free APP (for iOS or Android) and the web platform allows you to view and analyse the information.

Technical Features

Power circuit	Connection type	Single or three-phase
	Rated voltage	100 ... 400 V ~
	Frequency	50 ... 60 Hz
	Power	4.5 ... 9 VA
Measurement circuit	Voltage measurement	100 ... 480 V F-N
	Nominal current	350A 700A / 100A 1kA 5kA
Accuracy class	Voltage	1%
	Current	1%
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	1700 g
	Protection degree	IP 20
Environmental conditions	Operating temperature	-10°C ... +45°C
	Humidity (non-condensing)	5% ... 95% (non-condensing)
	Maximum altitude	2000 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	

