

Electricity

Technical datasheet



Wireless 3-phase sensor



EnOcean protocol
868 MHz (EU) | 902 MHz (USA)



Bridge



Ethernet | LTE (4G) | WiFi



Sensorfact software

SENSOR (3 PHASE)*

Measurement	Sampling frequency	1 measurement per minute
Power specification	Power specification	Energy harvesting, no external supply required
Enclosure specification	Material IP rating	Nylon 66 IP4X
Installation	Installation impact Operating temperature and humidity range Environment Calibration	Clamps clip around cables with no interruption to electrical supply -5 °C to 40 °C; 0-85% Indoor use Not required
60A sensor	Measurement range Accuracy Maximal cable diameter Clamp dimension Case (transmitter) dimension	1A-60A 0.1A or 2%, whichever is greater 10mm 25mm x 22mm x 35mm 80mm x 55mm x 20mm
200A sensor	Measurement range Accuracy Maximal cable diameter Clamp dimension Case (transmitter) dimension	2A-200A 0.1A or 2.5%, whichever is greater 24mm 35mm x 45mm x 36mm 80mm x 55mm x 20mm
600A sensor	Measurement range Accuracy Maximal cable diameter Clamp dimension Case (transmitter) dimension	2A-600A 1A or 3%, whichever is greater 36mm 65mm x 41mm x 85mm 80mm x 55mm x 20mm
Production details		Produced in Europe
Compliance		CE approved, RoHS compliant, FCC compliant

*Sensorfact also provides a 1-phase sensor.

BRIDGE

Power specification	Power supply	5V power adaptor
Network interfaces*	Ethernet WiFi LTE	10/100 ethernet interface 2.4 GHz SMA RP Multiband SMA
Enclosure specification	Case material IP rating Dimensions	Metal IP2X 162 mm x 85 mm x 28 mm (approx)
Installation	Operating temperature Environment Sensor pairing	-10 °C to 40 °C Indoor use Automatically
Production details		Produced in Europe
Compliance		CE approved, FCC approved (Ethernet-only), RoHS compliant, WEE directive compliant

*The bridge for the USA only has an Ethernet port.