Sigfox AC Current Sensor WSSFC-AC

SKU: WSSFC-AC

Doc No: WSSFC-AC-DS-EN-10

Introduction

WSSFC-AC is a Sigfox sensor with 1-channel AC current input 5A to measure the AC current load of your motors, machines...to count the energy consumption, OVER-load or NO-load detection, run hour counting...With Ultra-low power design and smart firmware allow the complete Wireless and Sensor package run on 2 x AA battery up to 10 years. It can support all regions of Sigfox network in over the World, RC1, RC2, RC3, RC4, RC5, RC6, RC7.

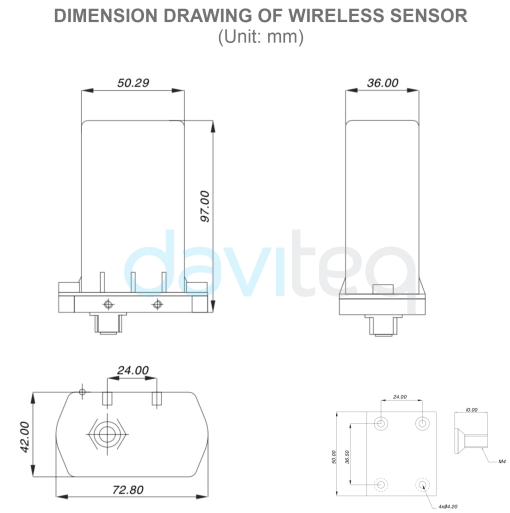
- Compatible with any 5A Current Transformer on the market ;
- Sigfox Ready;
- 10-year battery;
- Plug & Play.

Typical Applications

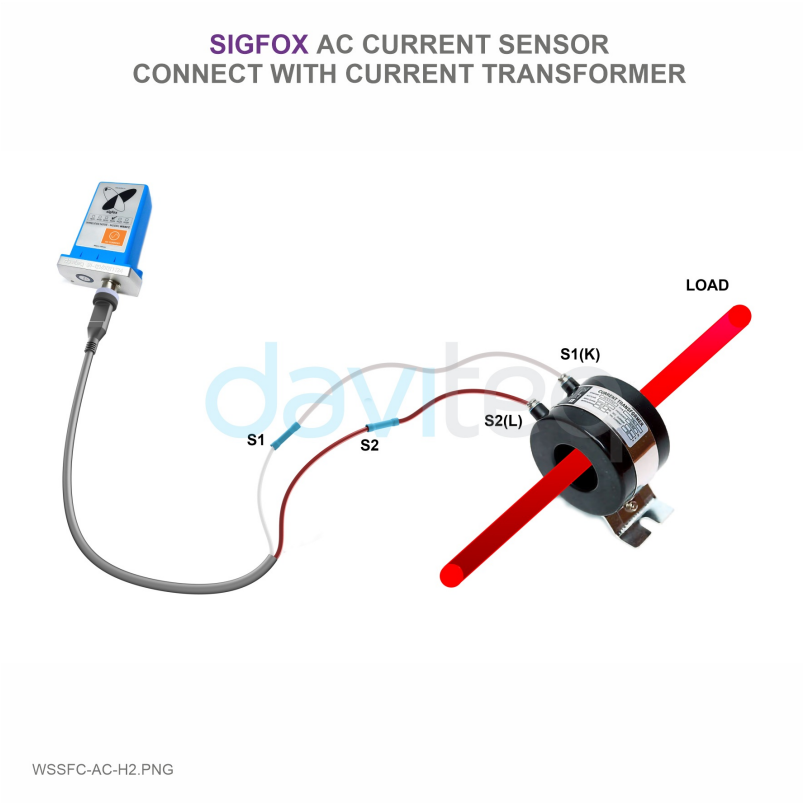
- Monitor any electrical loads;
- Monitor load of Motor, Pump, Fan;
- Monitoring load of Air-Con, Fridge, Freezer...



WSSFC-AC-H1.PNG



WSSFC-AC-H4.PNG



Specification

SENSOR SPECIFICATION	
Measuring range	0..5A AC
Accuracy	1.0%
Resolution	10 bit
Temperature Drift	< 100 ppm
Electrical connection	cable 0.5m length with wire crimping connectors for SAFETY
SIGFOX SPECIFICATION	
Sigfox zones	select RC2-RC3-RC4-RC5 or RC1-RC6-RC7
Antenna	Internal Antenna 2 dbi
Configuration	via offline USB cable (PC software is supplied at free)
Battery	02 x AA Type 1.5VDC, working time up to 10 years (depends on configuration)
RF Module complies to	CE, FCC, ARIB
Working temperature	-40oC..+60oC (using Energizer Lithium Ultimate AA battery)
Dimensions	H106xW73xD42
Net-weight	190 grams
Housing	Aluminum+Polycarbonate, IP67
Mounting	Wall mount bracket

Ordering Code

Item code	Descriptions
WSSFC-AC-9-11	SIGFOX SENSOR 1-CHANNEL AC CURRENT INPUT MAX 5A, CABLE 0.5M LENGTH WITH WIRE CRIMPING CONNECTORS FOR SAFETY, INTERNAL ANTENNA, TYPE AA BATTERY 1.5VDC, IP67, RC2-RC3-RC4-RC5 ZONES
WSSFC-AC-8-11	SIGFOX SENSOR 1-CHANNEL AC CURRENT INPUT MAX 5A, CABLE 0.5M LENGTH WITH WIRE CRIMPING CONNECTORS FOR SAFETY, INTERNAL ANTENNA, TYPE AA BATTERY 1.5VDC, IP67, RC1-RC6-RC7 ZONES

⚠ Link for full datasheet:

⚠ Link for manual:

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Revision #14
★ Created Mon, Oct 5, 2020 1:43 AM by Lộc Vĩnh Nguyễn
Updated Mon, Nov 30, 2020 12:45 AM by Kiệt Anh Nguyễn