

AIRINSITE™ current & volts loggers		
	Large	Small - NEW
Part number:	ZS1088926	ZS1160311
Product family:	AIRINSITE™	
Definition:	AIRINSITE™ current & volts data logger	
Function:	Precision data logging	
Data logger:		
A / D resolution:	16 bit	
Battery life:	2 calendar years or more (est.)	
Bluetooth (slave):	2.1 + EDR (enhanced data rate)	
Bluetooth range:	10 metres (33 feet)	
	The effective range varies due to propagation conditions, material coverage, production sample variations, antenna configurations and battery conditions	
Operating temp:	0°C ~ +55°C (+32°F ~ +131°F)	
Power / batteries:	Four AA lithium primary cells, Li/SOCI2, 3.6V, 2700mAh	
Real time clock:	Precision real time clock (temp compensated crystal)	
Maximum deviation:	0.4s / day	
Sample capacity:	More than 1.4 million samples (16 days continuous logging)	
Sample frequency:	1 second (fixed resolution)	
Software:	Pre-programmed application software	
Current sensor:		
AC voltage:	Range: 100 V to 700 V	
Accuracy:	1%	
AC current:	Range: 10 Amp ~ 800Amp	Range: 0 Amp - 50Amp
Accuracy:	1%	
Max non destructive current:	2000 A	400 A
Ambient temperature influence on accuracy:	<0.1% per 1°C for temperatures from -10°C to +18°C and from 28°C to 50°C	
Rise / fall time:	< 400ms	
Burden resistance:	≤1 ohm	≤15 ohm
Operating temp:	-10°C ~ +50°C (+14°F ~ +122°F)	-35°C ~ +60°C (-31°F ~ +140°F)
Storage temp:	-40°C to +70°C (-40°F to +160°F)	-35°C to +70°C (-31°F to +160°F)
Safety rating:	CAT III 600V	
Useable frequency:	10Hz – 100 kHz	50Hz - 60Hz
Dimensions Sensor:	216mm (8.5") x 111mm (4.4") x 45mm (1.8")	67.5 x 75.5 x 24mm (2.66 x 2.97 x 0.94 inch)
Jaw capacity:	52mm (2.05 inch)	30mm (1.18 inch)
Weight:	0.65kg (1.4lb)	Sensor 0.17kg (0.37lbs)
Conformity:	IEC61010-031: 2008 IEC61010-1: 2010	EN61010-1: 2010, EN61010-2-032: 2012
Drop test:	IEC 68-2-32 @ 1 metre	
Mech and shock test:	IEC 68-2-27 @ 100G	
Regulatory mark:	CE, UL	CE
Volt measurement and test lead set:		
Measuring device:	Alligator clip set (2)	
	Red & black pair of small, insulated, nickel plate jaws. Blunt tip grabs round screw heads up to 9.5mm CAT IV 600V, CAT III 1000 V, 10A rating	
Test lead set:	Red & black with safety shrouded, standard diameter banana plugs Right angle connector on one end and straight connector on the other Reinforced strain relief 1.5metre silicone-insulated wire resists heat & cold CAT IV 600V, CAT III 1000 V, 10A rating	
Conformity:	EN 61010-1-032	
Regulatory mark:	73/23/EEC, Low voltage (amended 93/68/EEC) CE, UL	
Test lead setNote:	The use of alternative volt measuring devices to the alligator clip set provided with each AIRINSITE™ current Proceed with caution; check compatibility of any alternative volt measuring devices before proceeding and	
Assembly:		
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External protection:	Polypropylene case, moulded cushion insert	

Size:

Logger (W x H x D)

98 x 203.2 x 34.8mm

3.8 x 8.0 x 1.3 inch

111 x 216 x 45mm

4.4 x 8.5 x 1.7 inch

Sensor (W x H x D)

67.5 x 75.5 x 24mm

2.66 x 2.97 x 0.94 inch

Case (W x H x D)

437 x 379 x 100mm

17.2 x 14.9 x 3.9 inch

Weight:

2.67kg (5.8lbs)

Why not by the special carrier bag that allows you to carry up to 10 loggers.

Easy to carry with you, easy to store in the car.

Order now Part no. ZS1106999



Other essential airINSITE tools:-

ZS1088925 16 bar pressure logger

ZS1133091 60 bar pressure logger

ZS1088923 Flow Logger

ZS1088920 Base Station V2