

TECHNICAL DATA

Fluke CNX™ a3000 AC Wireless Current Clamp Module



Key features

The CNX™ a3000 AC Wireless Current Clamp Module provides:

- True RMS AC current measurements to 400 A
- 2% accuracy to 100 Hz, 2-1/2% accuracy to 500 Hz
- Memory recording up to 65,000 readings
- Backlit LCD display
- CAT III 600 V; IP30

Using the optional PC adapter, the CNX™ wireless troubleshooting system can track up to 10 measurement modules simultaneously, with results sent to a PC for further analysis.

Product overview: Fluke CNX™ a3000 AC Wireless Current Clamp Module

The CNX™ a3000 AC Wireless Current Module lets you work on electrical panels faster, safer and easier than ever before. Deenergize the cabinet. Connect one or more CNX™ a3000 AC Wireless Current Modules. Close the cabinet and reenergize. Now you can view measurements from up to 20 meters away on the CNX™ Wireless Multimeter. Measuring

three-phase systems has never been faster or easier. Plus, no more writing down data as the CNX™ a3000 Current Module captures up to 65,000 sets of time stamped min/max/avg readings, using the optional PC adapter. CNX™ wireless test tools also offer increased safety by letting you view readings in a separate location from the test point. Now you can take readings on moving machinery, with only the measurement module in harm's way.

Specifications: Fluke CNX™ a3000 AC Wireless Current Clamp Module

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Specifications	
Range	400.0 A
Resolution	0.1 A
Accuracy	400.0 A: 2 % ± 5 digits (10 Hz to 100 Hz), 2.5 % ± 5 digits (100 Hz to 500 Hz)
Inrush	Max displayed reading: 999.9A
Crest factor (50 Hz/60 Hz)	3 at 500 A, 2.5 at 600 A, 1.42 at 1000 A, add 2 % for C.F. > 2
LCD w/backlight	3½ digits
Log rate/interval	1 sec minimum/adjustable by PC
Battery type	2 AA, NEDA 15 A, IEC LR6
Battery life	400 hours
Memory	Record up to 65,000 readings
Unbound listen interval	5 seconds
RF communications	2.4 GHZ ISM Band
RF communication range	20 Meters
Operating temperature	-10 °C to +50 °C
Storage temperature	-40 °C to +60 °C
Operating humidity	90 % at 35 °C, 75 % at 40 °C, 45 % at 50 °C
EMC	EN 61326-1:2006
Safety compliance	EN/IEC 61010-1-030:2010 to 600 V Measurement Category (CAT) III EN/IEC 61010-2-030:2010 EN/IEC 61010-032:2002
Pollution degree	2
Temperature coefficient	Add 0.1 x (specified accuracy)/°C (< 18 °C or > 28 °C)
Safety rating	CAT III 600 V
Certifications	CSA, FCC T68-FWCS IC:6627A-FWCS
Ingress Protection (IP) rating	IP30
Size (HxWxD)	20.3 cm x 7.49 cm x 3.56 cm (8 in x 2.95 in x 1.4 in)

Weight	.22 kg (8 oz)
Jaw opening	34 mm (1.33 in)

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