

## TECHNICAL DATA

# Fluke a3001 FC Wireless iFlex® AC Current Module



## Key features

- Measure and record up to 65,000 readings wirelessly
- Easier wire access around large conductors in tight spaces
- Inrush function; magnetic hanging strap

## Product overview: Fluke a3001 FC Wireless iFlex® AC Current Module

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The Fluke a3001 FC Wireless iFlex AC Current Module is a fully functional true-rms current meter that wirelessly relays measurements to the Fluke Connect® mobile app.

The a3001 puts the tool, not your body, near live electrical panels. Connect the a3001 FC current module and read the results on your smartphone from a safe distance. You can save and share measurements from the field with your team anytime, from anywhere.

## Isolating intermittent electrical faults easily

Leave your a3001 connected to log measurements and walk away to address other issues. Download the data for further analysis on our phone. Record over time to monitor circuit load changes for an hour, a shift or a week. Use the Fluke Connect wireless USB adapter to collect logged data from remote modules by walking past a working module and downloading logged data.

## Faster and cheaper 3-phase testing

When your cabinet is de-energized, attach a Fluke a3001 FC Wireless iFlex AC Current Module to each phase. Close, re-energize and start taking readings in 1/3 of the time. What used to take hours and use costly equipment can be done in minutes with an affordable Fluke Connect wireless system.

Log, analyze, and diagnose easily You can solve problems faster by seeing live measurements from multiple test points on a single screen. Send data from the panel to your laptop and go from logging to analysis and diagnosis with the a3001 connected. Once you've gathered the measurements, you can perform for analysis with your PC and share the results using Fluke Cloud™ storage and ShareLive™ video call. Share and view data or graphs to get input from team members.

## Specifications: Fluke a3001 FC Wireless iFlex® AC Current Module

Specifications		
Range	0.5 A to 2500 A AC	
Resolution	0.1 A	
Accuracy	3% ± 5 digits (5 Hz to 500 Hz)	
Crest factor (50 Hz/60 Hz)	3.0 at 1100 A 2.5 at 1400 A 1.42 at 2500 A Add 2% for C.F. > 2	
LCD w/backlight	3½ digits	
Log rate/interval	1 sec minimum/adjustable by PC or front panel	
Battery type	2 AA, NEDA 15 A, IEC LR6	
Battery life	400 hours	
Memory	Record up to 65,000 readings	
RF communications	2.4 GHZ ISM Band	
RF communication range	<b>Open air, unobstructed</b>	Up to 20 m
	Obstructed, sheetrock wall	Up to 6.5 m
	Obstructed, concrete wall or steel electrical enclosure	Up to 3.5 m
Operating temperature	-10°C to +50°C	
Storage temperature	-40°C to +60°C	
Temperature coefficient	Add 0.1 X (specified accuracy) / °C (< 18°C or > 28°C)	

Operating humidity	90% at 35°C 75% at 40°C 45% at 50°C	
Altitude	<b>Operating</b>	2,000 m
	Storage	12,000 m
EMC	EN 61326-1:2006	
Safety compliance	IEC 61010-1, 600 V CAT IV/1000 V CAT III, 3rd edition	
Safety rating	CAT IV 600 V, CAT III 1000 V	
Certifications	CSA, CE, FCC: T68-FBLE IC: 6627A-FBLE	
Ingress Protection (IP) rating	IP42	
Pollution Degree	2	
Jaw opening	25.4 cm (10 in) coil	
Size (HxWxD)	16.5 cm x 6.35 cm x 1.4 cm (6.5 in x 2.5 in x 1.4 in)	
Weight	.22 kg (8 oz)	
Warranty	Three years	
Note: Not compatible with Fluke CNX test tools		

## Ordering information



### **FLK-a3001FC**

Fluke a3001 FC Wireless iFlex® AC Current Module

Includes:

- True-RMS flexible current meter
- iFlex i2500-10 Flexible Current Probe



### Preventive maintenance simplified. Rework eliminated.

Save time and improve the reliability of your maintenance data by wirelessly syncing measurements using the Fluke Connect™ system.

- Eliminate data-entry errors by saving measurements directly from the tool and associating them with the work order, report or asset record.
- Maximize uptime and make confident maintenance decisions with data you can trust and trace.
- Access baseline, historical and current measurements by asset.
- Move away from clipboards, notebooks and multiple spreadsheets with a wireless one-step measurement transfer.
- Share your measurement data using ShareLive™ video calls and emails.

Find out more at [flukeconnect.com](https://flukeconnect.com)



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**Smart phone wireless service and data plan not included with purchase. Fluke Connect is not available in all countries.**