

The FCA-Probes are flexible sensors that measure AC currents up to 20,000 Amperes. They are designed for installations where conductors are closely located and are hard to reach. The probes are powered by a portable amplifier that contains two AA batteries.

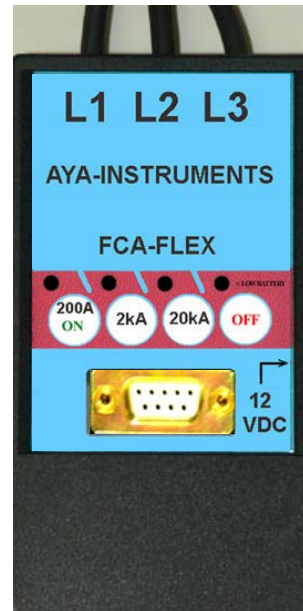
## SPECIFICATIONS

<b>CURRENT RANGES:</b>	200, 2,000, 20,000 Amperes
<b>FREQUENCY RANGE:</b>	10 to 20,000 Hz
<b>ACCURACY CLASS:</b>	+/- 1% (45-65 Hz)
<b>LINEARITY:</b>	+/- 0.2% (45-65 Hz)
<b>OUTPUT:</b>	0 to 2 Volts AC
<b>SENSOR LENGTH:</b>	18", 30" and 48"
<b>SENSOR WEIGHT:</b>	0.3, 0.55 and 0.84 Lb. , ( 130, 250 and 380 Grams)
<b>SENSOR ISOLATION:</b>	Double Insulation EN 61010 600 V CAT III, Pollution 2 IP65
<b>SENSOR PROTECTION:</b>	
<b>AMPLIFIER POWER:</b>	Two AA Batteries or Auxiliary Power Supply
<b>AMPLIFIER DIMENSIONS:</b>	4.7" X 2.5" X 0.9" (120 x 65 x 22 mm)
<b>AMPLIFIER WEIGHT:</b>	0.5 Lb. (220 Grams)
<b>OUTPUT CABLE:</b>	40"(1 Meter) 79" (2 Meters Optional)
<b>OUTPUT CONNECTORS:</b>	Standard Optional BANANA JACKS BNC
<b>SENSOR Storage Temperature:</b>	-20 to + 85 Deg. C
<b>SENSOR Operating Temperature:</b>	-20 to + 85 Deg. C at 15% to 85% RH, Non Condensing
<b>Amplifier Operating Temperature:</b>	0 to + 70 Deg. C

**SPECIAL CABLES AND CONNECTORS ARE AVAILABLE**  
Specifications subject to change without notice.



**THREE SENSORS WITH AMPLIFIER**  
Triple-probes are hard-wired to the amplifier



**AMPLIFIER**



**OUTPUT CABLE WITH THREE  
OUTPUT CONNECTORS**

### PRODUCT SELECTION CHART

#### Triple-Probes with Wired Amplifier

PART NUMBER	SENSING PROBE LENGTH	CURRENT RANGES
FCA-3-20K-18A	18" (45 cm)	200/2000/20000
FCA-3-20K-30A	30" (80 cm)	AAC
FCA-3-20K-4A	48" (120 cm)	

#### Single Probes with Wired Amplifier

PART NUMBER	SENSING PROBE LENGTH	CURRENT RANGES
FCA-20K-18A	18" (45 cm)	200/2000/20000
FCA-20K-30A	30" (80 cm)	AAC
FCA-20K-48A	48" (120 cm)	

### ACCESSORIES

FCA-3-CABLE	CABLE with THREE BANANA JACKS
FCA-3-CABLE-BNC	CABLE with THREE BNC CONNECTORS
FCA-CH	BATTERY CHARGER
FCA-PS	AUXILIARY POWER SUPPLY