



HIOKI

2004

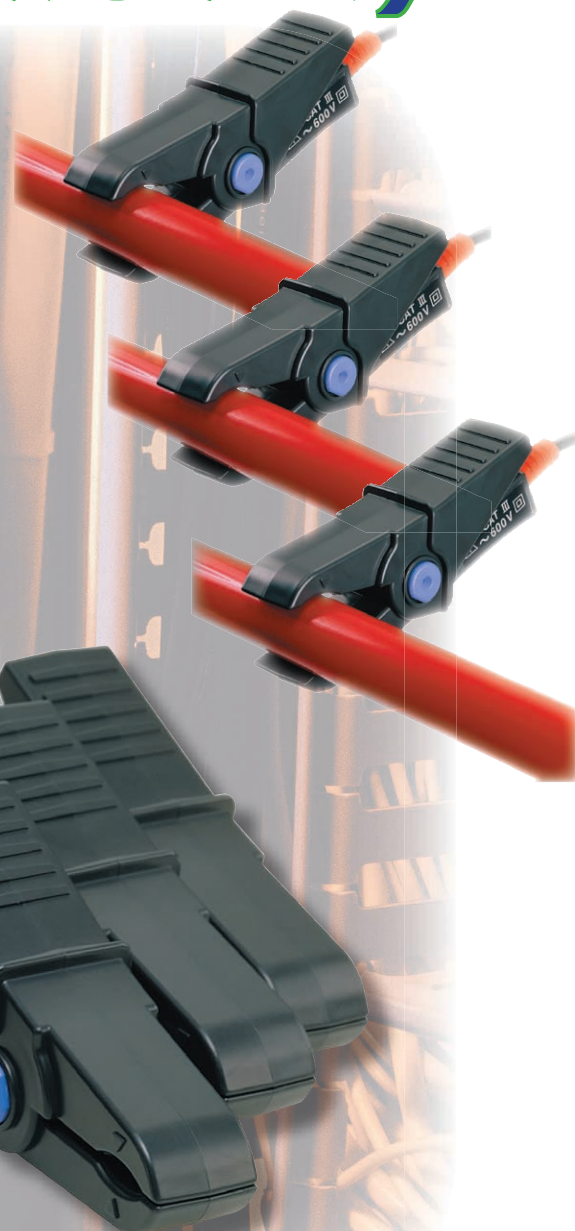
3129 PHASE DETECTOR

Field Measuring Instruments



Non-Metallic Contact for Optimal Safety

CAT III 600V



ISO14001
JQA-E-90091



<http://www.hioki.co.jp/>

HIOKI company overview, new products, environmental considerations and other information are available on our website.

Specifications

Measurement Function	Phase detection (positive, negative), live wire check (R-S/S-T only)	
Voltage Detection Method	Electrostatic induction method	
Voltage Range	70V to 600V AC (50/60Hz) (sine wave, continuous input)	
Clamp Diameter	17mm max. of insulated wiring	
Display	Phase Detection	Positive: 4 LEDs lit in clockwise order and 3 short beeps Negative: 4 LEDs lit in counterclockwise order and one continuous beep
	Live Wire Check	R-S and S-T lamps will light if voltage between wires are within voltage range
Battery Check Function	ON lamp blinks to indicate battery low status when instrument is turned on	
Auto Power Off	Auto shut off if no activity is detected after power is turned ON for 15 minutes	
Power Supply	Two "AA" size batteries; rated voltage: DC3.0V; maximum rated power: 300mVA; continuous use: approx. 70 hours (standby)	
Dimensions, Mass	70W x 75H x 30D mm (2.76"W x 2.95"H x 1.18"D), 200g (7.1 oz); Cord length: 0.7m (27.56")	
Operating Temperature	0 to 40°C (32 to 104°F), max. 80% RH (no condensation)	
Storage Temperature	-20 to 60°C (-4 to 140°F), max. 80% RH (no condensation)	
Standards	Safety	EN61010-1:2001, EN61010-031:2002 Pollution Degree 2 CAT III 600V (anticipated transient overvoltage 6000V)
	EMC	EN61326:1997+A1:1998+A2:2001
Accessories	Carrying case x 1, strap x 1, R6P manganese battery x 2, spiral tube x 1, user manual	

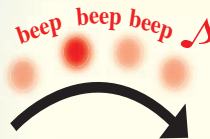
Live Wire Check (R-S/S-T only)

Lights up when a live wire is detected

Simply clamp wire with one of the voltage clips to check for voltage

Bright LED and Buzzer Indicate Phase Direction

Positive Phase: 4 LEDs light up in clockwise order along with 3 short beeps



Negative Phase: 4 LEDs light up in counterclockwise order along with one continuous beep



Actual size

Easy clamping over insulated wires of up to 17mm in diameter

Compatible with wires as thick as 100m²



Low Battery Warning and Auto Power OFF

Lamp blinks to indicate battery low state

Automatically turns off after 15 minutes to save energy

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