

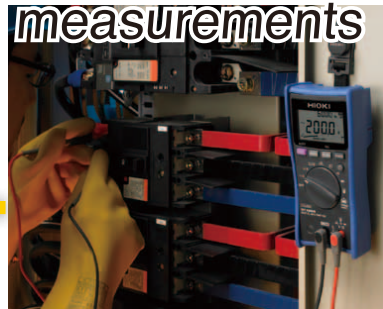
Until now, laying a 3-phase power line meant...

**HIOKI**

1 phase  
detection check



3 voltage  
measurements



Scheduled  
release  
**Mid-Dec.**  
2015

Now, with the PD3259 digital phase detector...

Safe

**1. Just clip the probes onto covered cables, and...**



Phase  
sequence

Line-to-line  
voltage



Fast

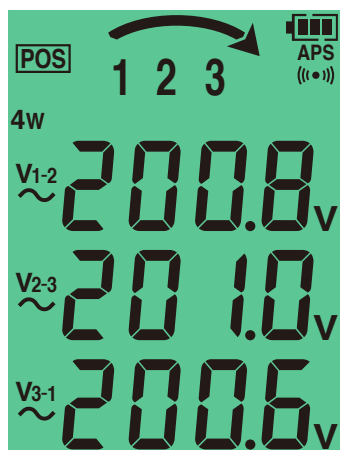
**2. ... your 3-phase power line inspection is complete!**

World First Non-Metallic Contact

**DIGITAL PHASE DETECTOR PD3259**

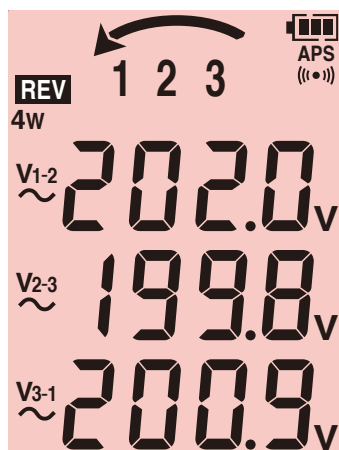
# All the info you need on one large display

Positive phase sequence display



Green backlight with beeping tone

Negative phase sequence display



Red backlight with continuous tone

Handy for work certification photos



Display phase sequence, ground phase, 3-phase voltage  
Use as-is in work certification photos

## Order Code/Accessories



### DIGITAL PHASE DETECTOR PD3259

Accessories:  
Four AA alkaline batteries (LR6)  
Carrying case, Instruction Manual

Order Code: PD3259



Carrying case (accessory)



MAGNETIC STRAP Z5004

## Options

## Specifications

(Accuracy guarantee: 1 year; Post-adjustment accuracy guarantee: 1 year)  
Product guarantee: 3 years

Detection functions	Phase detection, open phase, prediction of ground phase (3-phase line)	Standards	Safety: EN61010, EMC: EN61326 Class A
Measurement parameters	3-phase AC voltage (line-to-line voltage and voltage to ground) and frequency	Response time	2 s max.
Voltage measurement accuracy	±2.0% rdg. ±8 dgt. (1-year accuracy) Add ±0.5% rdg. every second year subsequently	Display update rate	500 ms ± 10 ms
Frequency measurement accuracy	±0.5% rdg. ±1 dgt.	Hold functionality	HOLD key freezes reading
Measurement targets	Covered cables, metal portions Use on shielded cables not supported 3-phase 3-wire 90.0 to 300.0 V AC 3-phase 4-wire 160.0 to 520.0 V AC (45 to 66 Hz)	Drop proof	On concrete: 1 m (3.28 ft)
Diameter of measurable conductors	Finished outer diameter: 6 to 30 mm	Dust-proofness, water-proofness	IP54 (device body only)
Maximum rated voltage to earth	600 V AC (CATIII), 300 V AC (CATIV)	Auto power-off	Power shut off when keys not operated for approx. 10 minutes
		Battery low warning	Remaining battery power indicated in 4 levels
		Power supply	Four AA alkaline batteries (LR6) Continuous operating time: approx. 5 hours
		External dimensions	Device body: 84 mm (3.31 in)W × 146 mm (5.75 in)H × 46 mm (1.81 in)D, Cord length: 0.5 m (1.64 ft)
		Mass	Approx. 590 g (20.8 oz) with batteries fitted

Note: Company names and Product names appearing in this catalog are trademarks or registered trademarks of various companies.

# HIOKI

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