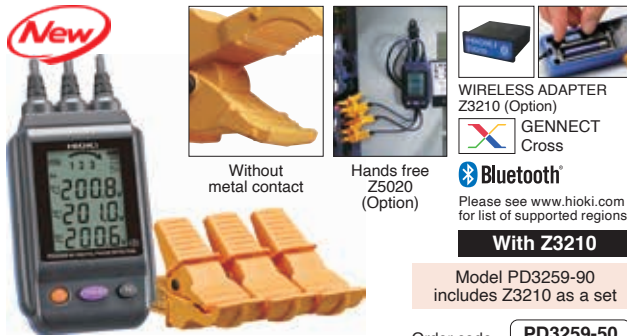


## DIGITAL PHASE DETECTOR PD3259-50



Product warranty for 3 years  
Accuracy guaranteed for 1 year



### Accessories

- CARRYING CASE C0203

Dimensions:

W135 mm (5.31 in) x H265 mm (10.43 in) x D65 mm (2.56 in)

- LR6 alkaline battery x4
- Color clips (White x2, red x2, blue x2, yellow x2)
- Spiral tubes (black x1)
- Instruction manual

### Options

- MAGNETIC STRAP Z5020



WIRELESS ADAPTER  
Z3210 (Option)  
GENNECT  
Cross

Bluetooth®

Please see [www.hioki.com](http://www.hioki.com)  
for list of supported regions.

**With Z3210**

Model PD3259-90  
includes Z3210 as a set

Order code **PD3259-50**

Order code **PD3259-90**

Order code **Z3210**



C0203 Color clip Z5020

Attach to enable Bluetooth®  
wireless technology



**CAT IV 600 V**

Soil, residue, or moisture on the insulated wires may result in lower voltage and power values than their true values. Use a dry cloth to remove before measuring.

Measurement parameters	Detection functions	Phase detection, open phase, prediction of ground phase (Three-phase line)
	Three-phase AC voltage (line-to-line voltage and voltage to ground)	90.0 V to 520.0 V AC (Three-phase line) accuracy: $\pm 2.0\%$ rdg. $\pm 8$ dgt
	Frequency	45 Hz to 66 Hz Accuracy: $\pm 0.5\%$ rdg. $\pm 1$ dgt
	Measurement targets	Covered cables, metal portions* <sup>1</sup> Finished outer diameter 6 to 30 mm (0.24 to 1.18 in)
Other	Operating temperature	-25°C to 65°C, 80% rh or less (non-condensating)
	Storage temperature	-25°C to 65°C, 80% rh or less (non-condensating)
	Dustproof and waterproof	IP54 (device body only)
	Standards	EN61010 (Safety), EN61326 Class A (EMC)
	Power supply	LR6 alkaline battery x4
	Continuous operating time	5 hours (Without Z3210)
Other	Dimensions (W x H x D)	84 x 146 x 46 mm (3.31 x 5.75 x 1.81 in) Cable length 50 cm (1.64 ft)
	Mass	590 g (20.8 oz)

\*<sup>1</sup> Shielded cables not supported

## PHASE DETECTOR PD3129, PD3129-10



Product warranty for 3 years  
Accuracy guaranteed for 1 year



$\phi 2.4$  mm (0.09 in) to  $\phi 17$  mm (0.67 in)

PD3129: Thin Conductors

$\phi 7$  mm (0.28 in) to  $\phi 40$  mm (1.57 in)

PD3129-10: Thick Conductors

### Accessories

- CARRYING CASE
- Strap
- R6P manganese battery x2
- Spiral tube
- Instruction manual

Order code **PD3129**

Order code **PD3129-10**



PD3129 **CAT IV 600 V**

PD3129-10 **CAT IV 600 V, CAT III 1000 V**

Measurement parameters	Detection functions	Phase detection (positive and negative)
	Voltage range	PD3129 70 to 600 V AC (continuous sine wave) PD3129-10 70 to 1000 V AC (continuous sine wave)
	Frequency range	45 Hz to 66 Hz
	Measurement targets	PD3129 2.4 mm (0.09 in) to 17 mm (0.67 in) of insulated wiring PD3129-10 7 mm (0.28 in) to 40 mm (1.57 in) of insulated wiring
Other	Phase-detection indication	Positive 4 LEDs lit in clockwise order and the buzzer sounds intermittently, green arrow lights up Negative 4 LEDs lit in counterclockwise order and the buzzer sounds continuously
	Functions	Live line check, Battery check function
Other	Operating temperature	0°C to 40°C, 80% rh or less (non-condensating)
	Storage temperature	-20°C to 60°C, 80% rh or less (non-condensating)
	Standards	EN61010 (Safety), EN61326 (EMC)
	Power supply	R6P manganese battery x 2
	Continuous operating time	5 hours
Other	Dimensions (W x H x D)	70 x 75 x 30 mm (2.76 x 2.95 x 1.18 in) Cable length 70 cm (2.30 ft)
	Mass	PD3129: 200 g (7.1 oz), PD3129-10: 240 g (8.5 oz)

## VOLTAGE DETECTOR 3481-20



Product warranty for 3 years  
Accuracy guaranteed for 1 year



with LED light

Red for  
voltage detection

### Accessories

- LR44 button alkaline battery x3
- Instruction manual

Order code **3481-20**



**CAT IV 600 V**

Measurement parameters	Operating voltage range	40 to 600 V AC (50Hz/60Hz)
	Maximum sensitivity variable range	40 to 80 V AC (50Hz/60Hz)
Other	Pilot light	Red LED lights up and the buzzer sounds when the wire is live
	Operating temperature	0°C to 40°C, 80% rh or less (non-condensating)
	Storage temperature	-20°C to 60°C, 80% rh or less (non-condensating)
	Standards	EN61010 (Safety), EN61326 (EMC)
	Power supply	LR44 button alkaline battery x 3
Other	Continuous operating time	5 hours
	Dimensions (W x H x D)	20 x 126 x 15 mm (0.79 x 4.96 x 0.59 in)
Other	Mass	30 g (1.1 oz)