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

World First Non-Metallic Contact
Now, with the PD3259 digital phase detector...

Just clip the probes onto covered cables, and your 3-phase power line inspection is complete!

Safe Fast

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.
All the info you need on one large display

**Positive phase sequence display**

- **V1-2**: 200.8 V
- **V2-3**: 20.1 V
- **V3-1**: 200.6 V

Green backlight with beeping tone

**Negative phase sequence display**

- **V1-2**: 202.0 V
- **V2-3**: 199.8 V
- **V3-1**: 200.9 V

Red backlight with continuous tone

Handy for work certification photos

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

Phase detection check and line-to-line voltage inspection at the same time

Note: Only the voltage value is displayed when measuring a single-phase/3-wire circuit.

**Specifications** (Accuracy guaranteed for 1 year, Post-adjustment accuracy guaranteed for 1 year), Product guaranteed for 3 years

<table>
<thead>
<tr>
<th>Detection functions</th>
<th>Phase detection, open phase, prediction of ground phase (Three-phase line)</th>
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</thead>
<tbody>
<tr>
<td>Measurement parameters</td>
<td>Three-phase AC voltage (line-to-line voltage and voltage to ground) and frequency</td>
</tr>
<tr>
<td>Voltage measurement accuracy</td>
<td>±2.0% rdg. ±8 dgt.</td>
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<tr>
<td>Frequency measurement accuracy</td>
<td>±0.5% rdg. ±1 dgt.</td>
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<tr>
<td>Measurement targets</td>
<td>Covered cables, metal portions, Use on shielded cables not supported Three-phase 90.0 to 520.0 V AC (45 to 66 Hz)</td>
</tr>
<tr>
<td>Diameter of measurable conductors</td>
<td>Finished outer diameter: 6 to 30 mm (0.24 to 1.18 in)</td>
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<td>Maximum rated voltage to earth</td>
<td>600 V AC (CAT IV)</td>
</tr>
<tr>
<td>Standards</td>
<td>Safety: EN61010, EMC: EN61326 Class A</td>
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</tbody>
</table>

**Response time** 3 s max.

**Display update rate** 500 ms

**Hold functionality** HOLD key freezes reading

**Drop proof** On concrete: 1 m (3.28 ft)

**Dust-proofness, water-proofness** IP54 (device body only)

**Auto power-off** Power shut off when keys not operated for 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

**Options**

- **Bundled Accessory**
  - CARRYING CASE C0203
  - MAGNETIC STRAP Z5020

- **Note:** Only the voltage value is displayed when measuring a single-phase/3-wire circuit.

**Model :** DIGITAL PHASE DETECTOR PD3259

**Model No. (Order Code) (Note)**

PD3259

Bundled accessories: AA alkaline batteries (LR6) ×4, Instruction manual ×1, Carrying case C0203 ×1, Spiral tubes (black ×1, red ×2, blue ×2, yellow ×2)

**Options**

- **Bundled Accessory**
  - CARRYING CASE C0203
  - MAGNETIC STRAP Z5020

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

All information correct as of Mar. 25, 2019. All specifications are subject to change without notice.