

# PhaseCop 2

## Phase Sequence Indicator

3-348-846-03  
3/11.14

### Compliance with Equipment Standards

Fulfills building regulations set forth in DIN VDE 0413.

### Phase Sequence Testing in 3-Phase Systems

Phase sequence is acquired by means of an electronic circuit. The direction of rotation is indicated by one of two directional arrows, each of which is equipped with an LED.

### Testing for Phase Failure

An LED is provided for each phase which indicates whether or not the phase conductor is live.

### Large Voltage and Frequency Ranges

The device can be used in all low-voltage systems.

### Rugged Design

The device is capable of withstanding severe mechanical stressing. The connector cables are permanently attached to the device.



### Applicable Regulations and Standards

|  |  |
|--|--|
| <b>DIN EN 61557-7</b><br><b>VDE 0413-7</b>         | Electrical safety in low voltage distribution systems up to 1000 V a.c. and 1500 V d.c. – Equipment for testing, measuring or monitoring of protective measures – Part 7: Phase sequence |
| <b>DIN EN 60529</b><br><b>DIN VDE 0470, part 1</b> | Test instruments and test procedures – degrees of protection provided by enclosures (IP code)  |
| <b>DIN EN 61326-1</b><br><b>VDE 0843-20-1</b>      | Electrical equipment for measurement, control and laboratory use – EMC requirements – Part 1: General requirements   |

### Duty Cycle

|                     |             |
|---------------------|-------------|
| 100 ... 400 V / 3 ~ | continuous  |
| 400 ... 690 V / 3 ~ | max. 3 min. |

### Electrical Safety

|                    |               |
|--------------------|---------------|
| Test voltage       | 6 kV          |
| Safety class       | II            |
| Measuring category | 600 V CAT III |

### Nominal Ranges of Use

|           |                     |
|-----------|---------------------|
| Voltage   | 100 ... 690 V / 3 ~ |
| Frequency | 45 ... 1000 Hz      |

### Mechanical Design

|            |                    |
|------------|--------------------|
| Protection | IP 50              |
| Dimensions | 70 x 105 x 38.5 mm |
| Weight     | 0.3 kg             |

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### Included

- 1 phase sequence indicator
- 3 permanently attached connector cables with contact-protected plugs
- 3 plug-in test probes  
each with safety cap applied 600 V CAT III, 1 A
- 1 plug-in alligator clip 1000 V CAT III, 16 A

### Order Information

| Designation              | Type       | Article Number  |
|--------------------------|------------|-----------------|
| Phase sequence indicator | PhaseCop 2 | GTM5202000R0001 |
| Ever-ready case          | F801       | GTY3172070P01   |

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### Accessories

F801 ever-ready case

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Edited in Germany • Subject to change without notice • A pdf version is available on the Internet

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