

Single-Pole Phase Comparator SPPC 5 dual, 5 - 10 kV and 12 - 24 kV

Phase comparators for medium voltage are used to check phase coincidence in three-phase networks. Single-pole phase comparators of type SPPC have the same construction as PFISTERER voltage detectors. This ensures a high level of both safety and reliability. With the single-pole phase comparator SPPC, phase comparison is achieved by making contact with both conductors one after the other. For reliable phase comparison, a rated frequency between 49.9 and 50.1 Hz is required, with a maximum frequency drift of 10 mHz/s.

- Nominal voltage range: **5 - 10 kV and 12 - 24 kV**
- Nominal frequency: **50 Hz**
- Designed and type-tested according to **IEC 61481**

Technical description:

- Visual signalling
- Green, red and yellow LED display
- Maximum resistance to interference fields
- Self-test at switch-on
- Can be used in rain and snow
- Removable contact electrode top piece, as forked electrode



Picture may vary.

Technical Data

| | | |
|---------------------------------|------------|----------------------------|
| Article no. | | 930 400 501 00063 |
| Nominal voltage level I | U_n (kV) | 5 - 10 |
| Nominal voltage level II | U_n (kV) | 12 - 24 |
| Nominal frequency | f_N (Hz) | 50 |
| Suitable bag | | A3 |
| suitable case | | K3 |
| Carrying bag included | | no |
| Voltage type | | AC |
| Area of application | | Switchgear / Overhead Line |
| Type of device | | complete |
| Language on labels | | de |
| Design | | indoor and outdoor |
| Climate class | | W, N |
| Contact electrode | | Fork electrode |
| Power supply | | 2 x Lithium batteries |

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|---------------------------------|--------------------------|
| Article no. | 930 400 501 00063 |
| Type | SPPC 5 dual |
| Type tested according to | IEC 61481 |

Dimensions

| | | |
|---------------------------------------|---------------------------|-------------|
| Total length | L_G (mm) | 1270 |
| Penetration depth | A_i (mm) | 450 |
| Length of handle | L_H (mm) | 288 |
| Insulating length | L_I (mm) | 525 |
| Transporting length | L_T (mm) | 730 |
| Diameter of insulating element | d (mm) | 24 |