

Single-Pole Phase Comparator SPPC 5, 6 - 12 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: **6 - 12 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
- Removeable contact electrode top piece, as forked electrode

Picture may vary.



Technical Data

| | | |
|---------------------------------|---------------------------|-----------------------------------|
| Article no. | | 930 400 001 00115 |
| Nominal voltage | U_n (kV) | 6 - 12 |
| 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 | | en |
| Design | | indoor and outdoor |
| Climate class | | W, N |
| Contact electrode | | Fork electrode |
| Power supply | | 2 x Lithium batteries |
| Type | | SPPC 5 |
| 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 |