

Single-Pole Phase Comparator SPPC 5 dual, 5 - 10 kV and 20 - 36 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 20 - 36 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 00049
Nominal voltage level I	U_n (kV)	5 - 10
Nominal voltage level II	U_n (kV)	20 - 36
Nominal frequency	f_N (Hz)	50
Suitable bag		A2
suitable case		K4
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

Article no.	930 400 501 00049
Type	SPPC 5 dual
Type tested according to	IEC 61481

Dimensions

Total length	L _G (mm)	1730
Penetration depth	A _i (mm)	910
Length of handle	L _H (mm)	288
Insulating length	L _I (mm)	525
Transporting length	L _T (mm)	1140
Diameter of insulating element	d (mm)	24