

Single-Pole Phase Comparator SPPC 5 dual, 6-12 kV and 18-36 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: **6 - 12 kV and 18 - 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 00042	
Nominal voltage level I	U_n (kV)	6 - 12
Nominal voltage level II	U_n (kV)	18 - 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	

Article no.	930 400 501 00042
Power supply	2 x Lithium batteries
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