

Single-pole Phase Comparator SPPC 5, 20 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: **20 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 00104	
Nominal voltage	U_n (kV)	20
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
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