

# 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

<b>Article no.</b>		<b>930 400 001 00140</b>
Nominal voltage	U <sub>n</sub> (kV)	20
Nominal frequency	f <sub>N</sub> (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 <sub>G</sub> (mm)	1270
Penetration depth	A <sub>i</sub> (mm)	450
Length of handle	L <sub>H</sub> (mm)	288
Insulating length	L <sub>I</sub> (mm)	525
Transporting length	L <sub>T</sub> (mm)	730
Diameter of insulating element	d (mm)	24