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Single-Pole Phase Comparator SPPC 5, 12 - 24 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.

Picture may vary.

- Nominal voltage range: **12 - 24 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

Technical Data

Article no.		930 400 001 00141
Nominal voltage	U_n (kV)	12 - 24
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

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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**

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