



PG II with indication unit

Product feature

- Designed according to IEC 61481-2:2014
- Two-pole phase comparator
- Detection of correct phase relationship and incorrect phase relationship of two live conductors
- Indoor type 🏠
- Visual indication 👁️

PG II two-pole testing devices detect phase balance between two live conductors of a medium voltage distribution network.

The device consists of an operating stick with contact electrode and an indication unit (part A) as well as an operating stick with contact electrode (part B) to tap a comparative phase.

The insulated stick can be removed from the indication unit with the contact electrode.

Contact electrode A is directly connected with the contact electrode B using a helix cable suitable for high voltages.

According to the German accident prevention standard DGUV Regulation 3 (Table 1c), the device is subject to maintenance tests with minimum intervals of at least 6 years.

Technical data	PG II
Application	In dry conditions, normally indoors
Indication	Visual: 3 red LEDs
Nominal frequency	50 Hz (optional 60 Hz)
Maximum operating period with the pole connected to voltage	60 s
Connection cable	1 m
Operational class	B (indication of phase unbalance in the range of 60° – 300°)
Temperature range	–25 to +70 °C, climatic class N and W

Nominal voltage [kV]	Total length a [mm]	Insertion depth b [mm]	Order no.	Accessories
5	1.220	413	51-0102-001	Probe tip
6	1.220	413	51-0102-002	Transportation bags
10	1.220	413	51-0102-003	
20	1.320	513	51-0102-004	
30	1.420	613	51-0102-005	
10–20	1.320	513	51-0102-011	

Accessories

For voltage detectors, phase comparators and voltmeter

Transportation bag



For products	Dimensions [mm]		Order no.
	L	H	
FL-I, Comet BL-I/BL-A, Comet BK-I/BK-A, Compare 2.0	900	200	52-0104-101
TP-I, Comet BS-I/BS-A	1,080	220	52-0104-102

Universal plastic case



For products	Dimensions [mm]			Order no.
	L	H	D	
FL-I, TP-I, Comet series, Compare 2.0, PG II	1,030	240	100	52-0102-001
BL-M	1,030	240	100	52-0102-005

Extension rod

For extending the handle



For products	Length [mm]	Order no.
FL-I, Comet series, Compare 2.0, PG II, BL-M	500	52-0108-013
FL-I, Comet series, Compare 2.0, PG II, BL-M	1,000	52-0108-014

Probe tip

The probe tip provides improved penetration into oxide and paint layers.



For products	Order no.
FL-I, Comet series, Compare 2.0, PG II, BL-M	52-0306-002

Extension rod with contact electrode

For extending the insertion depth. It is not allowed to use the extension with contact electrode when it is wet.



For products	Length [mm]	Effective length [mm]	Order no.
Comet BK-I/BK-A (6–10 kV)	750	670	52-0106-016
Comet BK-I/BK-A (10–20 kV)	800	720	52-0106-017

Further extensions with contact electrode for specific installation on request

Double prong adapter

The double prong adapter provides improved handling of voltage detectors/voltmeters for contacting surfaces and holding the device.



	Dimensions [mm]	Order no.
To screw onto all voltage detectors and phase comparators	70	52-0307-001
To screw onto all voltage detectors and phase comparators	35	52-0307-003