


PHG II Voltage Detector

Nominal voltages up to 20 kV / 50 Hz

- For indoor installations 
- Category "S" for switchgear installations
- Three LED indicator lights
- LEDs staggered at 120° allow for better visibility of the indication
- Passive voltage detector without batteries

Test for correct operation

EN 50110-1 (DIN VDE 0105 Part 100) requires that voltage detectors must be tested for correct operation shortly before and after use.

Voltage detectors without self-testing elements have to be tested for correct operation by attaching them to parts of the installation which are connected to supply voltage.



SAFETY EQUIPMENT

VOLTAGE DETECTORS

EN/IEC 61243-1 (DIN VDE 0682 Part 411)



PHG II voltage detector used for a type-tested switchgear installation.

Technical Data

Test prod	Glass-fibre reinforced polyester tube, Ø20 mm, grey; Test electrode made of Cu/gal Sn, V-shaped electrode
Indicator	Plastic, black, with 3 LEDs
Indication	3 flashing LEDs for 'voltage present'
Insulating rod	Glass-fibre reinforced polyester tube, Ø24 mm, grey, with a handguard for safe operation; Sealing unit with non-slip plastic cap
Operating temperature range	- 25° C ... + 55° C, climatic category N

Type	Nominal voltage U_N	Total length l_g	Insertion depth l_o	Part No.
A Nominal Voltages up to 20 kV / 50 Hz Category "S"				
PHG2 6	6 kV	1425 mm	720 mm	766 706
PHG2 10	10 kV	1425 mm	720 mm	766 710
PHG2 20	20 kV	1425 mm	720 mm	766 720

Voltage detectors for special switchgear installations are available on request.

Accessories for PHG II Voltage Detector

Storage Device

Wall-mounted

Type	Colour	Diameter	Dimensions	Part No.
HV P ST D24	●	24 mm	530 mm	700 006