


Single-pole PHV I Phase Comparator

Nominal voltages up to 36 kV / 50 Hz

SAFETY EQUIPMENT

PHASE COMPARATORS

EN/IEC 61481 (DIN VDE 0682 Part 431)

- For use in wet weather 
- For indoor and outdoor installations
- Easy transport due to detachable insulating rod
- Frequency range 49.90 ... 50.10 Hz

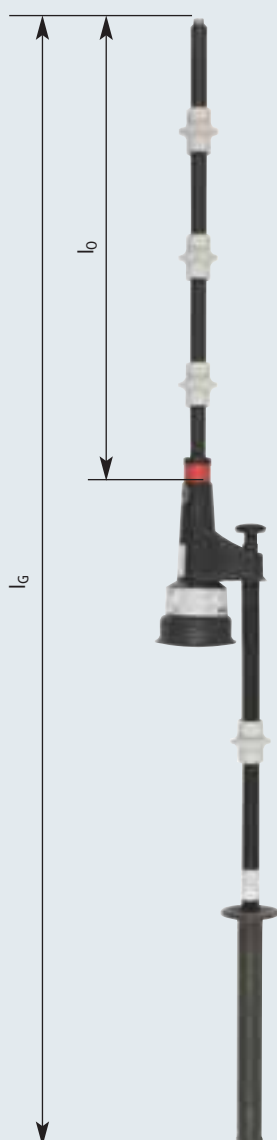
Self-testing element

The PHV I electronic phase comparator has an integrated self-testing element. By simply switching on the phase comparator, the electronic circuit is automatically tested for correct operation. The PHV I is only ready for operation if the function test was performed successfully and the yellow LED is permanently illuminated.

Replacing the battery

The PHV I phase comparator operates on 2 Mignon IEC LR6 batteries housed in a separate battery compartment for easy battery replacement.

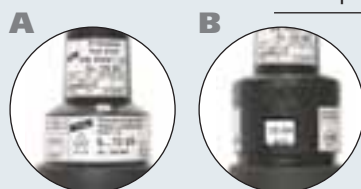
If batteries are low, the device can no longer be switched on or switches off automatically.



Single-pole PHV I phase comparator used at a switchgear installation.

Technical Data

Insulating rod	Glass-fibre reinforced polyester tube, Ø24 mm, black
Indicator	Plastic, fully insulated, black
Test prod	Plastic, Ø22 mm; Test electrode with tooth shape for safe contact, with M8 female thread for attaching electrodes
Operating temperature range	- 25° C ... + 55° C, climatic category N
Indication	Visual: LED indication
Readiness for operation	Permanent yellow light
In-phase condition	Permanent green light
Out-of-phase condition	Red flashing light



Type	Nominal voltage U_N	Total length l_G	Insertion depth l_0	Part No.
A Nominal Voltage Ranges up to 36 kV / 50 Hz				
PHV1 6 12	6 ... 12 kV	1400 mm	575 mm	759 606
PHV1 12 24	12 ... 24 kV	1600 mm	775 mm	759 612
PHV1 24 36	24 ... 36 kV	1600 mm	775 mm	759 624

B Nominal Voltage Ranges up to 36 kV / 50 Hz, switchable via Selector Switch

PHV1 U 6 36	6 ... 12 / 12 ... 24 / 24 ... 36 kV	1600 mm	775 mm	759 616
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