

## Two-pole PHV Phase Comparator


### Nominal voltages up to 36 kV / 50 Hz

## SAFETY EQUIPMENT

### PHASE COMPARATORS

EN/IEC 61481 (DIN VDE 0682 Part 431)



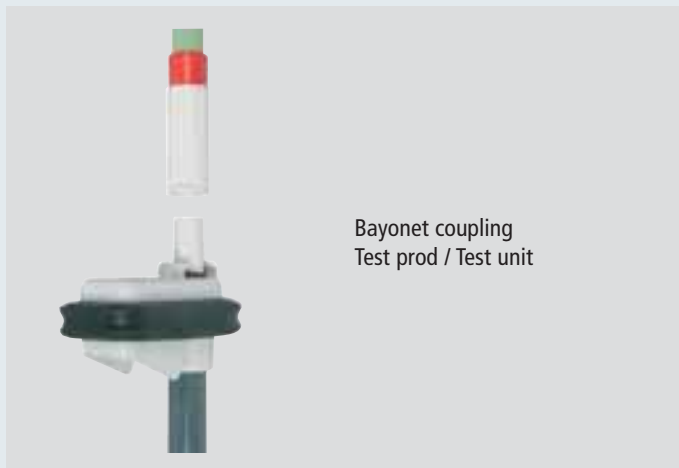
- Not for use in wet weather 
- For indoor and outdoor installations
- Resistive, passive phase comparator
- Colour-coded test prods according to nominal voltage
- Eccentric mounting of the visual indication ensures good visibility
- Easy transport due to attachable test prods



Two-pole PHV phase comparator with a pair of green test prods (15 ... 24 kV) used in a 20 kV switchgear installation.

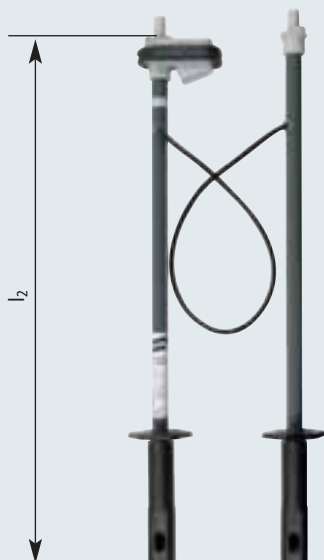
#### Technical Data

Insulating rod	Glass-fibre reinforced epoxy resin tube, Ø24 mm, grey
Sealing unit	Plug-in coupling for handle extension
Indicator	Plastic, fully insulated, grey
Connecting cable	Highly flexible Cu cable, plastic-insulated, 800 mm long
Operating temperature range	- 25° C ... + 55° C, climatic category N
Test prod	Glass-fibre reinforced epoxy resin tube, Ø20 mm, grey, attachable; Test electrode made of Cu alloy/gal Sn, Ø20 mm, tooth shape for reliable contact, with M8 female thread for attaching electrodes
Indication	Flashing light for 'out-of-phase condition'



Bayonet coupling  
Test prod / Test unit

## PHV Test Unit



Type	Nominal voltage $U_N$	Length of test unit $l_2$	Part No.
<b>A PHV Test Unit</b>			
PHV 3 36 STK	3 ... 36 kV	750 mm	<b>759 300</b> <span style="color: red;">new</span>







Other connecting cable lengths are available on request.

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## Test Prods for PHV



### For insertion into the test unit

Type	Nominal voltage $U_N$	Colour	Prod length $l_1$	Insertion depth $l_0$	Part No.
<b>A Test Prods, straight</b> (1 pc. per unit)					
PS 3 3.6 PHV	3 ... 3.6 kV		381 mm	316 mm	759 603
PS 5 7.2 PHV	5 ... 7.2 kV		681 mm	616 mm	759 605
PS 10 12 PHV	10 ... 12 kV		681 mm	616 mm	759 610
PS 10 17.5 PHV	10 ... 17.5 kV		681 mm	616 mm	759 615
PS 15 24 PHV	15 ... 24 kV		681 mm	616 mm	759 620
PS 25 36 PHV	25 ... 36 kV		681 mm	616 mm	759 630

### B Test Prods, Ø11 mm

(1 pc. per unit)


For type-tested, factory assembled switchgear installations with limited access and remotely situated contacts (e.g. Mipak)

PS 10 12 PHV D11	10 ... 12 kV		415 mm	330 mm	759 111
PS 20 24 PHV D11	20 ... 24 kV		585 mm	520 mm	759 121

### C Test Prods, long

(1 pc. per unit)


For type-tested, factory assembled switchgear installations with remotely situated series-connected contacts (e.g. Driescher D600)

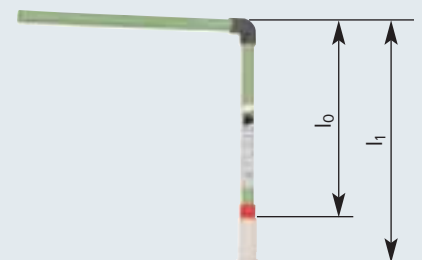
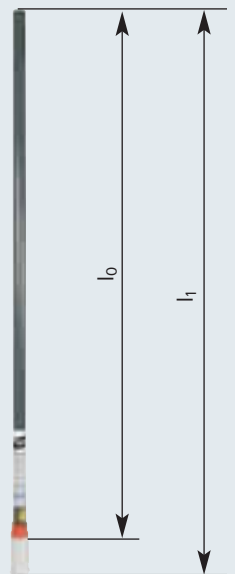
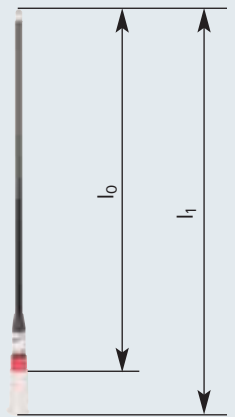
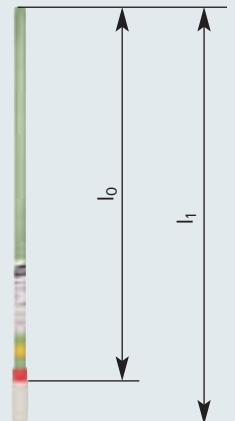
PS 15 24 PHV L880	15 ... 24 kV		880 mm	820 mm	759 621
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### D Test Prods, angled (90°)

(1 pc. per unit)

For type-tested, factory assembled switchgear installations with limited access and contacts situated in a vertical plane (e.g. Alstom).

PS 3 3.6 PHV W90	3 ... 3.6 kV		359 mm	274 mm	759 604
PS 5 7.2 PHV W90	5 ... 7.2 kV		359 mm	274 mm	759 608
PS 10 12 PHV W90	10 ... 12 kV		359 mm	274 mm	759 611
PS 15 24 PHV W90	15 ... 24 kV		359 mm	274 mm	759 622
PS 25 36 PHV W90	25 ... 36 kV		359 mm	274 mm	759 633



Types for other nominal voltages and special switchgear installations are available on request.