

## DEHNcap/PC-LRM Phase Comparator

### Nominal voltages up to 45 kV / 50 Hz

## SAFETY EQUIPMENT

## VOLTAGE DETECTING SYSTEMS

EN/IEC 61243-5 (DIN VDE 0682 Part 415)

- Active indicator for testing in-phase conditions of LRM systems
- Can be used for HR systems with two HR-LRM test adapters
- Indication by three separate LEDs
- Comparator detects zero crossings of both installations to be compared
- With battery monitoring device



Use of DEHNcap/PC-LRM phase comparator with two HR-LRM test adapters for an HR switchgear installation.

The DEHNcap/PC-LRM phase comparator can also be used for phase comparison in HR systems with two optional HR-LRM adapters (Part No. 767 133). DEHNcap/PC-LRM is designed as a universal phase comparator in accordance with EN/IEC 61243-5 (DIN VDE 0682 Part 415) and detects zero crossings but no voltage values.

#### Replacing the battery

The 9 V block battery can be replaced by hand without the use of additional tools.

In case of low battery conditions, the device can no longer be switched on or switches off automatically.

#### Technical Data

LRM system	Threshold of indication 5 V, Input impedance 2 megohms
Measuring cables	3 measuring cables with 4 mm plug
Operating temperature range	- 25° C ... + 55° C
Indication	Red LED '≠' out-of-phase condition' (permanent light) if 'phase angle > 60°'; Green LED '=' (permanent light) 'in-phase condition'; Yellow LED 'POWER ON' (permanent light) for 'device ready for operation'



Type	Dimensions	Length of measuring cable	Part No.
<b>A DEHNcap/PC – LRM</b>			
PV DCA PC LRM	145 x 85 x 32 mm	2000 mm	<b>767 132</b>