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# Distance Voltage Detector KP-Test 5D dual, 110 kV and 220 - 420 kV, without Carrying Bag

The capacitive distance voltage detector **KP-Test 5D dual** is used at high voltage overhead lines. It indicates the presence of operating voltage when applying the device to the earthed insulator protective system. A proportional acoustic warning sound, which warn the operator with a warning tone becoming faster and faster when approach live line system.

In addition this capacitive voltage detector is switchable between two nominal voltage ranges.

- Nominal voltage range: **110 kV and 220 - 420 kV**
- Nominal frequency: **50 Hz**
- Designed and type-tested according to **DIN VDE V 0682-417**

**Technical description:**

- Double signalling
- Integrated audible signal
- Extremely bright LEDs
- Proportional acoustic warning sound
- Maximum resistance to interference fields
- Self-test at switch-on
- Can be used in rain and snow

*Picture may vary.*

## Technical Data

| Article no. | | 930 470 501 00015 |
|---|---|---|
| Nominal voltage level I | $U_n$ (kV) | 110 kV / 50 Hz |
| Nominal voltage level II | $U_n$ (kV) | 220 - 420 kV / 50 Hz |
| Quantity of insulating poles | | 1 |
| Suitable bag | | C1 |
| Carrying bag included | | no |
| Voltage type | | AC |
| Area of application | | Overhead Line |
| Type of device | | complete |
| Language on labels | | en |
| Design | | outdoor |
| Climate class | | W, N |
| Power supply | | 2 x lithium batteries |
| Type | | KP-Test 5D dual |
| Type tested according to | | DIN VDE V 0682-417 |

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## Dimensions

| | | |
|---|---|---|
| **Total length** | **$L_G$ (mm)** | **980** |
| **Penetration depth** | **$A_i$ (mm)** | **270** |
| **Insulating length** | **$L_I$ (mm)** | **520** |
| **Transporting length** | **$L_T$ (mm)** | **980** |
| **Diameter of insulating element** | **d (mm)** | **24** |

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