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

The capacitive distance voltage detector **KP-Test 5D-S dual** is used at open-air switchgears with nominal voltages between 110 kV and 420 kV. It consists of two parts and depending on the application it can be used with or without a handle extension. The contact arm defines the correct contact point on the insulator and prevents incorrect measurements due to parallax errors.

In addition this capacitive voltage detector is switchable between two nominal voltage ranges. That means a larger network area can be covered while maintaining the same interference field safety. A proportional acoustic warning sound, which warn the operator with a warning tone becoming faster and faster when approach live line system.

Picture may vary.

- Nominal voltage ranges between: **110 kV** and **220-420 kV**
- Nominal frequency: **50 Hz**
- Designed and type-tested according to the principle of testing **GS-ET-32**

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

Technical Data

Article no.		930 470 502 00001
Nominal voltage level I	U_n (kV)	110
Nominal voltage level II	U_n (kV)	220 - 420
Quantity of insulating poles		2
Suitable bag		B1
Carrying bag included		yes
Voltage type		AC
Area of application		open-air switchgear
Type of device		complete

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Article no.	**930 470 502 00001**
Language on labels	de
Design	outdoor
Climate class	W, N
Power supply	2 x lithium batteries
Type	KP-Test 5D-S dual
Type tested according to	GS-ET-32

Dimensions

Total length	L_G (mm)	1880
Penetration depth	A_i (mm)	250
Insulating length	L_I (mm)	410
Transporting length	L_T (mm)	1000
Diameter of insulating element	d (mm)	24