



## HV Test Equipment

### Distance Voltage Detector Type HSA 194



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#### Description:

Non-contact distance voltage detector for nominal voltage range 110....380 kV 50 Hz, with electronic visual and acoustic indicators, for use on transmission lines.

#### Features:

Test rod	Glass fibre reinforced grey polyester tube 43 mm dia with integrated measuring head, operating section, indicator, green ring.
Power supply	9 V E block cells (IEC 6LR61, alkali-manganese)
Self test	When switched on the built in automatic testing element starts the function test for electronic circuit and batteries.

A positive test result is signaled by a short acoustic signal and blinking of the green/red LED indicators.

#### Indications:

Ready for operation	Continuous flashing green light and acoustic signal once every two seconds.
Voltage present	Flashing red light and acoustic signal at an increased rate.

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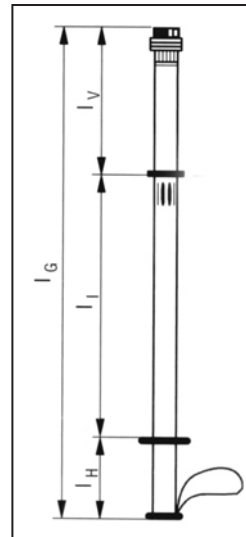
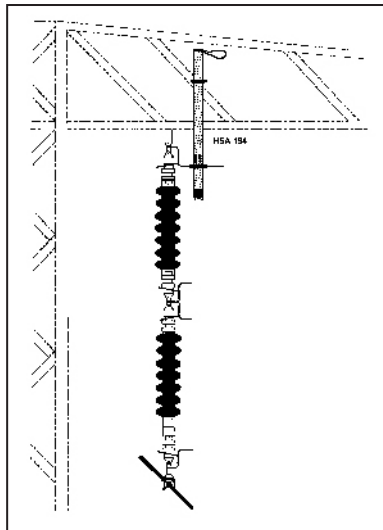
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**Application Notes:**

The distance voltage detector type HSA 194 is used for verifying safe isolation from supply from the cross arm of the transmission line or tower.

The green ring on the HSA 194 is put in contact with the last earthed arcing horn or grounded insulator cap, so that the measuring head of the voltage detector points in the direction of the conductor fixed to the other end of the insulator, with rod axis of the HSA 194 parallel to the longitudinal axis of the insulator.

The voltage state on the conductor is indicated by the visual and acoustic signals.



Type HSA 194 with non-slip plastic cap and holder cord.

CODE	NOMINAL VOLTAGE RANGE	DIMENSIONS mm				WEIGHT kg
		lg	li	lv	lh	
767 540	110....380	935	540	225	170	1.1

Type HSA 194 with M12 threaded socket for screwing on adaptors for handle extension.

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		lg	li	lv	lh	
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*Note: The distance voltage detector is available for other nominal voltages and can also be supplied with lithium batteries on request.*