



HV Test Equipment

Distance Voltage Detector Type HSA 205



Description:

Non-contact distance voltage detector with switchable nominal voltage ranges, 1....30kV, 30....220 kV, 110....420 kV 50 Hz, with electronic visual and acoustic indicators, for use on transmission lines and in transmission substation yards.

Features:

Test rod	Glass fibre reinforced grey polyester tube 43 mm dia with integrated measuring head, operating section, indicator, red 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.

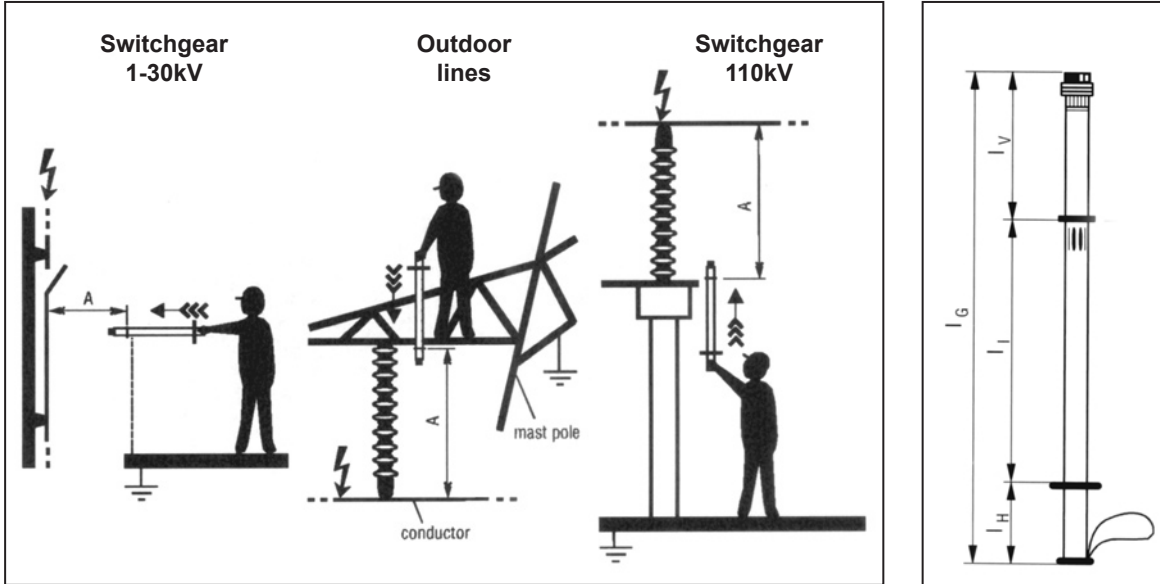
Indications:

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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Application Notes:

The nominal voltage range is selected using the yellow switching ring. The “voltage present” indication is given when the detector approaches the live part and the rate of the intermittent visual and acoustic signal increases by a factor of ten.

The high voltage detector must not be moved closer than the minimum separations* according to nominal voltage when testing for safe isolation.

(*Table 2, publication no. 1195/E)

Type HSA 205 with non-slip plastic cap and holder cord.

CODE	NOMINAL VOLTAGE RANGE kV	DIMENSIONS mm				WEIGHT kg
		lg	li	lv	lh	
767 555	1...420	935	540	225	170	1.1

Type HSA 205 with M12 threaded socket for screwing on adaptors for handle extension.

CODE	NOMINAL VOLTAGE RANGE kV	DIMENSIONS mm				WEIGHT kg
		lg	li	lv	lh	
767 552	1...420	935	540	225	170	1.1

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