CONTACT TYPE HIGH VOLTAGE DETECTORS

CAPACITIVE HIGH VOLTAGE DETECTOR (CONTACT)
Model - 213HVD



CE Approved

CONTACT HIGH VOLTAGE DETECTOR
MODEL
KM-CVD-11KV / KM-CVD-33KV / KM-CVD-66KV



✳ SPECIAL FEATURES :

- Excellent Shock Resistance.
- Rugged Nylon moulding
- Auto - ON (when Voltage Detected).
- Excellent Drop Resistance.
- Good Vibration Resistance.
- Built - in Proving and self - test circuit
- High Bright Color Coded LEDS.
- Interchangeable Contact Electrode.
- Compatible with all link sticks.
- Suitable for indoor and outdoor use.
- Self (Auto-On) or Manual Arming.

✳ SAFETY :

- Meets IEC 61243-1 IEC 60068-2-2 ; IEC 60068-2-6; IEC 60068-2-32 ; IEC 60529.

✳ FUNCTIONS :

- System Voltage : 11 kV
- Threshold set within Range : 1.65 kV to 4.4kV
- Response Time : <1 Sec
- Bridging Protection : Yes
- Spark Protection : Yes
- Battery current : <30mA
- Low Battery indication & Auto Power Off.

✳ **Power supply :** Standard 9V battery.

✳ **Weight :** Approx. 500 gm.

✳ **Dimension :** Approx. 300(L) x 100(W) x 100(D) mm

✳ **Accessories :** Battery, User Manual & Carrying Case.

✳ **Optional Accessories :** Hot Sticks HSR 121 / 122.

✳ **Other rating available :** 33KV, 44KV, 66KV, 132KV, , 11/33KV, 44/132KV, 66/132KV, 6.6/132KV, 11/132KV, 11/44KV, 33/132KV,

APPLICATION:

Used for testing the power frequency voltage on alternating high voltage line and electrical equipment. Function of audible and visual alarm on the safe side.

✳ FEATURES :

- Safe and reliable
- High quality
- Ensure work safety
- Extension type, with fully self -check function.
- Sound and light alarm, stable and reliable.
- Strong anti-interference ability.
- Easy to operate
- Ultra-light, high strength
- **Expansion joint :** According to the test distance, adjust the expansion rod.
- **Insulated rubber handle :** Makes it safe to use.
- Function of audible and visual alarm to enhance safety.
- Necessary security tools for electrical system, industrial and mining enterprise electricity work.
- Used for testing lines or equipment whether running with power frequency voltage & ensures the personal safety of lineman.

✳ FUNCTIONS :

Test Items	Unit	Voltage Class Test		
		11KV	33KV	66KV
Trigger Voltage	kV	1.5~4.0	5.25~14	9.9 ~ 26
Leakage Current Test	μA	<500	<500	<60
Sound Intensity	dB	>70	>70	>75
Light Intensity	LX	50000	50000	53600
Voltage Test (DC kV)	kV	10	35	66
Temperature Test	°C	30	30	-30~+45
Moisture Test	%	95%	95%	90%
Lifetime Test	times	5000	5000	5000
Arc-resistance Test	kV	12	42	55
Induced Voltage Test	kV	1.5	5.25	8.25
Curvature	mm	140	140	60
Quiescent Current	μA	<0.03	<0.03	<1
Dynamic Current	μA	<15	<15	<15

Specification	11KV	33KV	66KV
Retracted Length	1' 1"	1' 3.5"	2' 46"
Extended Length	3' 8"	5' 2"	6' 56"
Handle Length	5"	5"	15"
Sections of Telescopic Insulated Stick	6	6	4