



Order Code : 20213535.2

Name : STICK, PHASING, 11/33 KV, C/W ANGLE ADAPTERS



Specifications:

SPECIAL FEATURES :

- Telescopic, Compact, light-weight and handy.
- Low Voltage detection : The equipment can be used for voltage detection in low-tension circuits (80V ~ 600V) by holding the nameplate portion of the detecting head. Before-use, check can easily be done by plugging in an AC 100V plug socket, without using a tester.
- Easy to recognize indication : Intermittent lighting in red of a high intensity light-emitting diode and intermittent audible sound of an electronic buzzer are readily recognizable in full daylight, noisy location.
- Water proof : The detecting head, being tightly enclosed, is free from any trouble due to dust, dirt, water.

Working Voltage Range :H.V. : 3kV ~ 33kV AC. Hold grip portion to detect.
L.V: 80V ~ 600V AC. Hold nameplate portion to detect.

- * **Frequency** : 50 Hz / 60Hz
- * **Operation Test** : (Initial Voltage)
 - (a) When stretched, hold the grip portion.
Put the sensing tip in contact with the voltage : 250V AC
 $\pm 50V$ the LED and buzzer should work.
 - (b) When retracted, hold the nameplate portion.
Put the sensing tip in contact with the voltage : 80V AC
or below the LED and buzzer should work.
- * **Operation start distance** : Distance at which operation starts when front metal is brought near $\phi 5\text{mm}$ O. C. Wire with grip portion held by hand.
Where 24 kV / $\phi 3\text{mm}$ (voltage to ground) @ 20 cm
Where 6.6 kV / $\phi 3\text{mm}$ (voltage to ground) @ 3 cm
Where 3.3 kV / $\phi 3\text{mm}$ (voltage to ground) @ 1 cm
- * **Dielectric Strength** :
 - (a) Between Sensing tip ~ Grip portion : 50kV AC, 1 min(The detector has to be stretched)
 - (b) Between Sensing tip ~ Nameplate portion : 4kVAC, 1 min.
- * **Construction** : Waterproof (detecting head impervious to water).
- * **Insulation resistance** :
 - (a) Between Sensing tip ~ Grip portion : (The detector has to be stretched)
The insulation resistance is more than 2000M Ω @1KV.
 - (b) Between Sensing tip ~ Nameplate portion :
The insulation resistance is more than 2000M Ω @1KV.

Note: Specifications are subject to change, Photos shown above are Indicative, Actual Product can Vary.

TESCA TECHNOLOGIES PVT. LTD.

IT-2013, Ramchandrapura Industrial Area, Sitapura Extension, Jaipur-302029, Rajasthan, India.
Ph/ Fax: 91-141-2771791, 2771792; Email: info@tesca.in, tesca.technologies@gmail.com
Website: www.tesca.in

- * **Leakage Current Test** : Put high voltage on the parts listed below.
 - (a) Between Sensing tip ~ Grip portion : 50kV AC, 1 min(The detector has to be stretched)
The leakage current has to be 100 μ A or less than 100 μ A.
 - (b) Between Sensing tip ~ Nameplate portion : 4kV AC, 1 min.
The leakage current has to be 100 μ A or less than 100 μ A.
- * **Working Temperature Range** : -10°C ~ +50°C
- * **Battery** : 3 button-cells LR44 (1.5V)
- * **Dimension** : 354mm to 1005mm length
- * **Weight** : Approx. 185g.

Note: Specifications are subject to change, Photos shown above are Indicative, Actual Product can Vary.

TESCA TECHNOLOGIES PVT. LTD.

IT-2013, Ramchandrapura Industrial Area, Sitapura Extension, Jaipur-302029, Rajasthan, India.
Ph/ Fax: 91-141-2771791, 2771792; Email: info@tesca.in, tesca.technologies@gmail.com
Website: www.tesca.in