

ETCR1860/1860C H/L Voltage Approach Electric Alarm (Wrist Type)



The alarm is worn on the wrist of the operator, and the alarm Δ symbol toward the direction of the fingertip.

Product Function

After the operator wears the alarm, and close to the high voltage charged body for a certain distance, the alarm will send out a sound and light alarm according to the safety distance of the corresponding voltage level to remind the electrical worker to pay attention to safety and avoid high voltage electric shock accident. This product can also be used for line fault detection and electroscope.

Product Feature

1. Provide a safe, practical and convenient new style high voltage alarm device for high voltage approach electric operator.
2. The alarm is worn on the wrist of the operator, and the alarm Δ symbol toward the direction of the fingertip.
3. Adopt non-contact induction technology, alarm accurately, power saving and durable, standby time up to 12 months.
4. All-directional induction voltage power source, automatic trigger detection mode, with sound and light alarm mode, to ensure the safety of near electricity workers.

Technical Specification

1. Voltage Level and Alarm Distance

Model	Voltage Level	Alarm Distance	Model	Voltage Level	Alarm Distance
ETCR1860	6.6KV	0.6m	ETCR1860C	40V	5cm
	10KV	0.8m		110V	10cm
	35KV	1.4m		220V	15cm
	66KV	1.8m		600V	40cm
	110KV	2.2m		1KV	60cm
	220KV	3.0m			
	330KV	3.6m			
	500KV	4.2m			

2. Technical Parameters

Power Supply	CR1632 (140mAH) button cell 1PCS
Alarm Voltage Range	ETCR1860: 1kV~500kV(high voltage alarm) ETCR1860C: 40V~1kV(Low voltage alarm)
Working Frequency	50Hz/60Hz
Electricity Testing Mode	Non-contact mode
Detection Mode	Automatic trigger
Alarm Distance Error	± 10 cm (under base condition)
Battery Life	Continues working (sound and light alarm): about 24 hours Standby: about 12 months
Alarm Mode	Indicator: LED light visibility under 8000LX visible light Buzzer: above 60dB (60CM apart)
Protection Level	IP54
Weight	35g
Dimensions	90mmX40mmX35mm
Working Temperature	-10 $^{\circ}$ C~40 $^{\circ}$ C; below 80%rh

