



PRODUCT FUNCTION

- After the operator wear the alarm, when proximity the high-voltage live conductor at a certain distance, the alarm will sound an audible & visual alarm based on the corresponding safety distance according to the voltage level, reminding the electrical workers to pay attention to safety and avoid high-voltage electric shock accidents. This product can also be used for line fault detection and electroscope.

PRODUCT FEATURES

- Provide a safe, practical and convenient new style high voltage alarm device for high voltage approach electric operator.
- Adopt with non-contact induction technology, alarm accurately, power saving and durable, standby time up to 12 months.
- 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

- Voltage Level and Alarm Distance** (The safety distance is in accordance with "GB 26860-2011 Electric Power Safety Working Regulations-Electrical Part of Power Plants and Substations" and "GB 26859-2011 Electric Safety Working Regulations-Power Line Part")
- Higher voltage levels not described in the corresponding models in the table can generate alarms at a certain distance, but the actual alarm distance error will be larger.

Model	Voltage Level	Safe Distance	Alarm Distance
ETCR1860	0.4kV		0.02m
	1KV		0.10m
	6.6KV		0.70m
	10KV	0.70m	1.00m
	35KV	1.00m	1.60m
	66KV	1.50m	2.20m
	110KV	1.50m	2.50m
	220KV	3.00m	3.50m
	330KV	4.00m	4.50m
	500KV	5.00m	5.50m

Model	Voltage Level	Alarm Distance
ETCR1860C	40V	5cm
	110V	10cm
	220V	15cm
	600V	40cm
	1KV	60cm

TECHNICAL PARAMETERS

Power Supply	CR1632 (140mAH) button battery*1PC
Alarm Voltage Range	EM1860: 0.4kV ~ 500kV (high voltage alarm); EM1860C: 40V ~ 1kV (Low voltage alarm)
Working Frequency	50Hz / 60Hz
Electricity Testing Mode	Non-contact mode
Detection Mode	Automatic triggering
Alarm Distance Error	± 10cm (base condition)



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Note! Photographs in this catalogue may slightly differ from the instruments at the time of delivery.
Subject to technical change without notice.

ETCR METER[®]

GUANGDONG ETCR ELECTRONIC TECHNOLOGY CO.,LTD.

Battery Life	Continues working (sound & light alarm): approx.24 hours
	Standby: approx. 12 months
Alarm Mode	Indicator: LED light visibility under 8000LX visible light
	Buzzer: above 60dB (60cm apart)
Protection Level	IP54
Weight	Approx. 0.16kg (include accessories)
Dimensions	80mm x 40mm x 35mm (not include watchband)
Working Temperature	- 10°C ~ 40°C; below 80 % RH
Accessories	Alarm*1PC Button battery*1PC Plastic Coin (use for replace battery)*1PC Tool bag*1PC

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