

High voltage hot-line proximity alarm

HXR-20J/25J type

* Jointly developed with JR EAST

● HXR-20J : 20kV

● HXR-25J : 25kV

Non-contact Detection of Charging State of AC Overhead Contact lines

Award-winning in Japan

Fiscal 2013 Railway Electrical Technology Award

JECA FAIR 2013 Product Contest Award



HXR-20J[20kV]

HXR-25J[25kV]

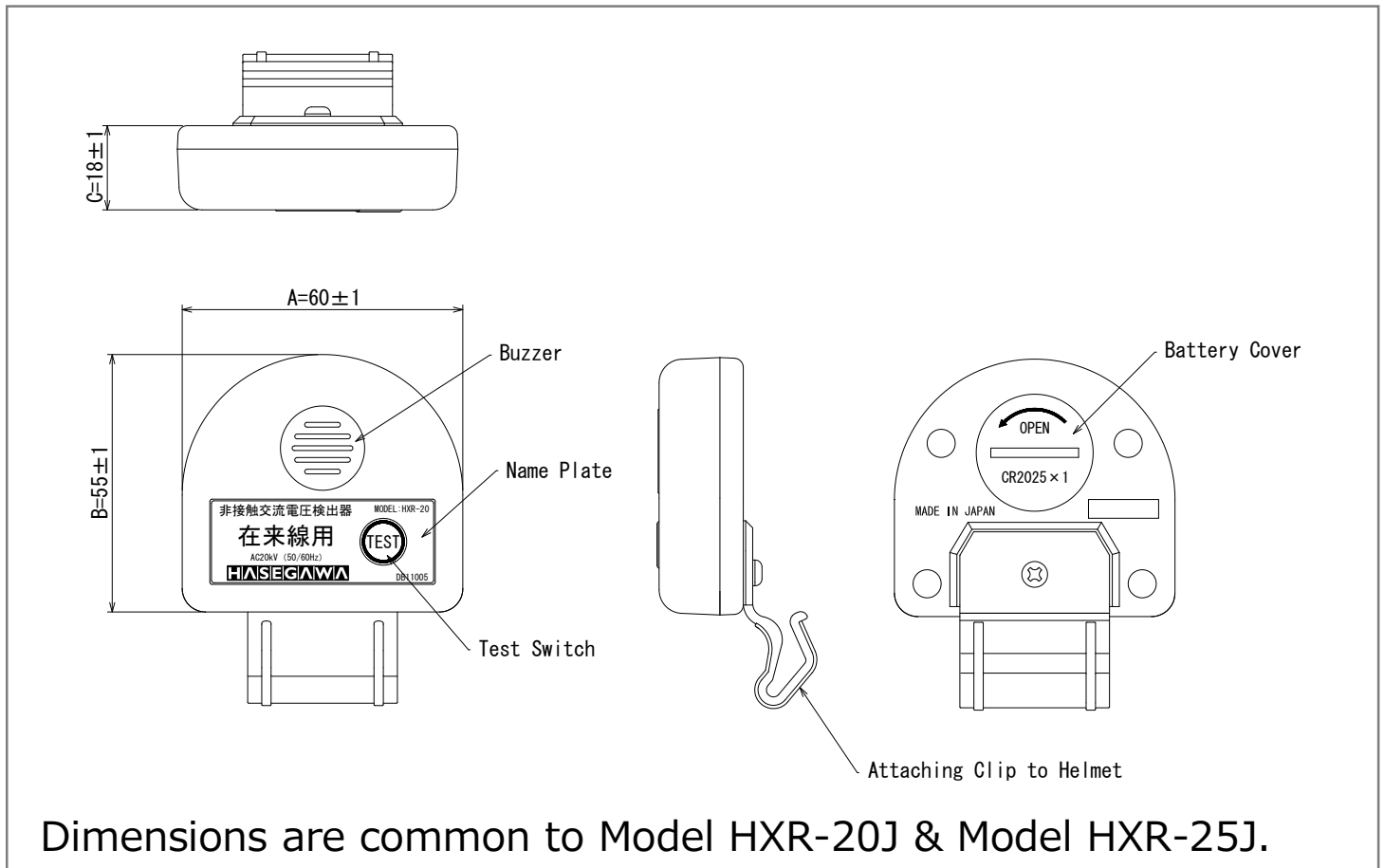
■ Features

- Alarm is generated at a distance of about 2m from the energized overhead contact lines, normal railways[AC20kV] and High Speed Railway[AC25kV].
- It has directionality to identify overhead contact lines in a charged state.
- It is compact, lightweight, and can be fitted to a helmet with a one-touch operation.

■ Specifications

Model	HXR-20J	HXR-25J
Applicable Voltage	AC20kV	AC25kV
Operating sensitivity [Electric field intensity]	Existing railways [2,500V/m]	Bullet train [3,000V/m]
Standard operation starting distance	About 2m	
Alarm operation	Piezoelectric buzzer type	
Sound volume	80dB±5dB / 10cm	
Frequency	Common use for 50/60Hz *	
Structure	Waterproof structure [Equivalent to IPX4]	
Operating temperature range	-10°C~+40°C	
Battery	CR2025[3V] ×1pce	
Battery life	About 2years in unused state	
Weight	About 40g	

■ Dimensions



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