

JJZ-HW-FI Specification

Vision	
V1.0.1	



JJZ-HW-FI V1.0 Overhead Line Fault Indicators is usually used in 5~38KV overhead line power distribution network to monitor and detect short-circuit and earth fault. The fault signal is indicated by mechanical flag and three ultra-bright blinking LEDs with 360° sight.

The indicator can be mounted under live conditions with the help of an adapter and a hot stick. The trip current and reset time can be set by two dial switch. Permanent fault, transient fault, and battery low warning can be distinguished and indicated separately by three different ultra-bright blinking LEDs. And the earth-fault can be indicated by two alternating different ultra-bright blinking LEDs.

Features

- Permanent Fault:** Indication of permanent fault by three red ultra-bright blinking LEDs.
- Transient Fault:** Indication of transient by three green ultra-bright blinking LEDs.
- Earth-fault:** Indication of earth-fault by red and green ultra-bright LEDs blinking alternately.
- Low Battery Warning:** Indication of Low battery warning by three yellow ultra-bright blinking LEDs.
- Parameter Adjusted:** The trip current and reset time can be set by two dial switch.
- Power Supply:** Lithium battery backup, type AA 2700mAh / 3.6V.

General Data

Subject	Value
Short-circuit Trip Current (Phase to Phase)	150A, 300A, 450A, 600A \pm 10%
Trip Current Delay	40, 80, 120, 200 milliseconds
Auto-reset Time	2 minutes (for test), 8h, 24h, 48h
Indication Unit Reset	1 manual by magnet. 2 time reset: adjustable, 24h default 3 Auto reset after repower, 30 delays
Protection Class	IP68
Internal Type Test	According to IEEE495-2007
Operation Temperature Range	-40~+70°C
Power Supply	Lithium battery type AA 3.6V / 2700mAh, replaceable
Battery Life	Approx. 10 years
Weight	Approx. 600g
Dimensions	Diameter: 93mm Height: 128mm
Cable Diameter Ranges	6mm~42mm
Blinking Frequency	20 per minute
Maximum Operating Voltage	\leq 38KV
Current Withstand	31.5KA/2s

Dimensions

