

JJZ-FF-FI V1.0 Specification

Vision	
V1.0.1	



JJZ-FF-FI 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 and transient short-circuit fault, and earth fault can be detected and indicated by red mechanical flag and three ultra-bright blinking LEDs. Battery low warning can be distinguished and indicated separately by red mechanical flag.

Features

- Short-circuit Fault: Indication of short-circuit fault by red mechanical flag and three ultra-bright blinking LEDs
- Earth-fault: Indication of earth-fault by red mechanical flag and three ultra-bright blinking LEDs
- Low Battery Warning: Indication of Low battery warning by red mechanical flag.
- 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	\cong 38KV
Current Withstand	31.5KA/2s

Dimensions

