

# Local Overhead Line Fault Indicator



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## JJZ-FF Datasheet

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JJZ-FF Overhead Line Fault Indicator is usually used in 5~38KV overhead line power distribution network to monitor and detect short-circuit and earth fault. The fault 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 dial switches during production. And battery low voltage warning can be distinguished and indicated by red mechanical flag.

## Features

Short circuit Fault:	Red mechanical flag and three red ultra-bright blinking LEDs.
Earth-fault:	Red mechanical flag and three red ultra-bright blinking LEDs
Low Battery Warning:	Red mechanical flag.
Parameter Adjust:	The parameters can be adjusted by dial switches during production.
Power Supply:	Lithium battery, type AA 2.7Ah/3.6V.

## General Data

Subject	Value
Short-circuit Trip Current (Phase to Phase)	150A, 300A, 450A, 600A, can be set by dial switch during production
Trip Current Delay	40, 80, 120, 200ms, can be set during production
Indication Unit Reset	1. Manual by magnet 2. Time reset: adjustable, 2 minutes, 8h, 24h, 48h, can be set during production 3. Auto reset after repower, 30s default, only for permanent fault
Protection Class	IP68
Internal Type Test	According to IEEEE495-2007
Operation Temperature Range	-40~+70°C
Power Supply	Lithium battery type AA 3.6V/2.7Ah, replaceable
Battery Life	10 years
Weight	Approx. 600g
Dimensions	Diameter: 93mm Height: 128mm
Accuracy	0A~300A $\pm 3A$ 300A~800A $\pm 1\%$
Cable Diameter Ranges	6mm~42mm
Blinking Frequency	10 per minute, adjustable
Max. load/fault Current	1100A
Voltage range	5~14KV. For higher voltage, can be customized
Current withstand	31.5KA/4s

## Dimensions

