OHB series

Overhead Line Fault Indicator

Features

- Permanent Fault
- Transient Fault
- Earth-fault
- Parameter Adjust
- Remote Transmission
- Indicator power can be powered from the overhead line



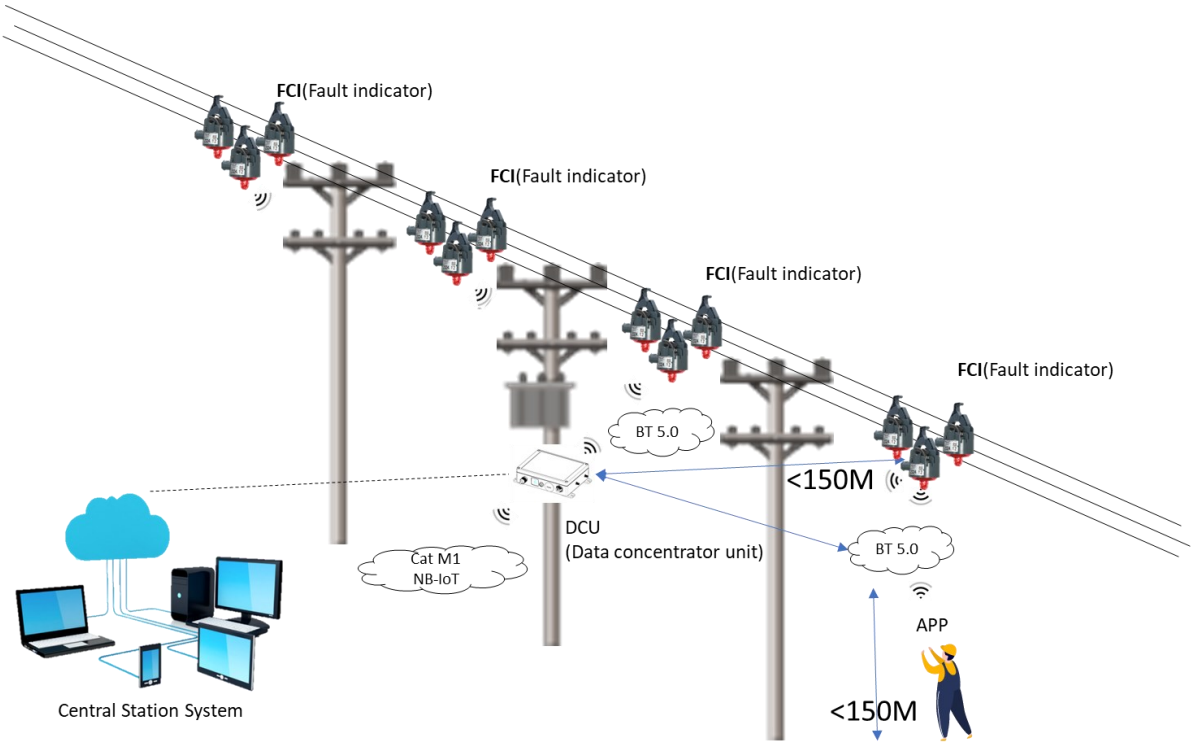
Introduction

Overhead Fault Circuit Indicator are devices installed on 6.6~22.8KV overhead power distribution network to monitor and detect short- circuit and earth fault. The fault signal is indicated by bright blinking LEDs with 360º sight to alert maintenance personnel. The fault information and current value can also be uploaded to Data Concentrator Unit by 2.4Ghz.

The indicator can be mounted under live conditions with Taiwan Power Company special hot stick. The parameters such as trip current, reset time, blinking interval, etc., can be read and adjusted by a FCI server, DCU and BLE tool. Permanent fault, earth-fault can be distinguished and indicated separately by bright blinking LEDs. And the battery low voltage alarm can be indicated by two alternating different bright blinking LEDs.

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Topology

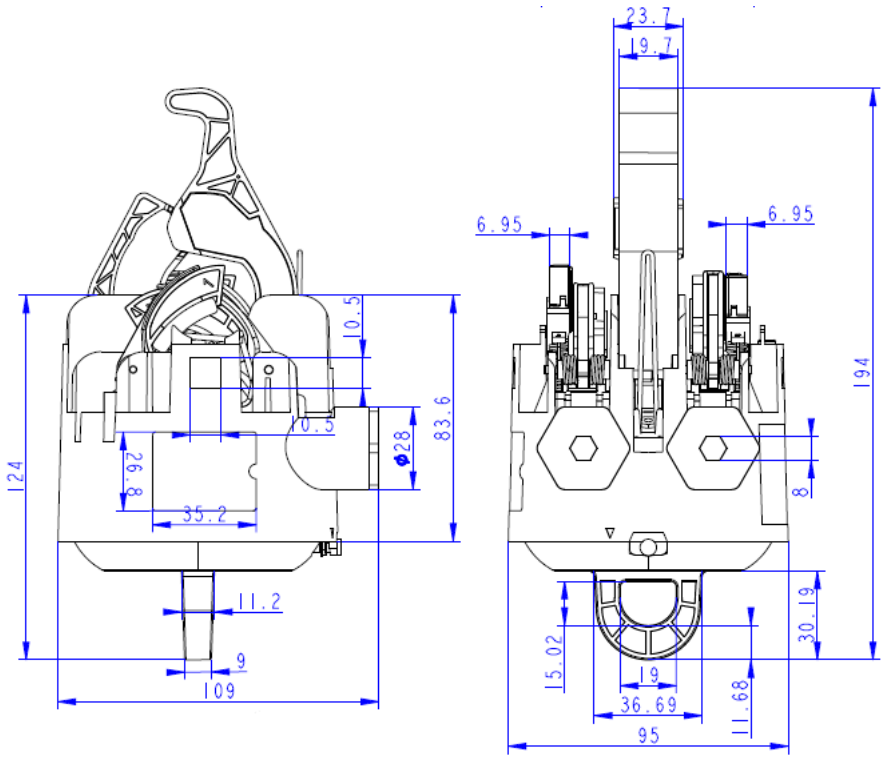


- **The distance between APP to FCI at not over 150M**

Specification

ORing Model	SEG-OHB
Voltage	6.6kv~22.8kv, 60Hz
Cable Diameter Ranges	<Φ30mm
Load current range and Accuracy	2-800A ≤30A ±3A，＞30A ±10%
Max. load/fault Current	1200A
Internal Type Test	According to IEEE495-2007
Short-circuit Trip Current (Phase to Phase)	50-600A adjustable,
Earth-fault Response Delay	Adjustable: 1 second step, 30s default
Indication Unit Reset	1. manual by magnet. 2. time reset：adjustable, 1 mins step, 3h default, max. 24h 3. Current reset：, 1A step, default close 4. Remo rest：Remoter, APP
Blinking Frequency	30 per minute
Power Supply	Lithium battery type AA 3.6V / 9Ah, replaceable
Battery Life	10 years
Operation Temperature Range	-40℃~+85℃
Dimensions	Diameter: 109mm, Height: 194mm
Protection Class	IP67
Indicator weight	approx. 540g

Dimensions and Drawing



Ordering Information

Item	Content
Parameter	☐DS：600±60A ☐65T：170±20A ☐40T：90±15A ☐25T：50±10A

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