

DFE-HH Catalogue

Overhead Line Remote Fault Indicator

For Reliable, Secure and Economical Energy System Operation

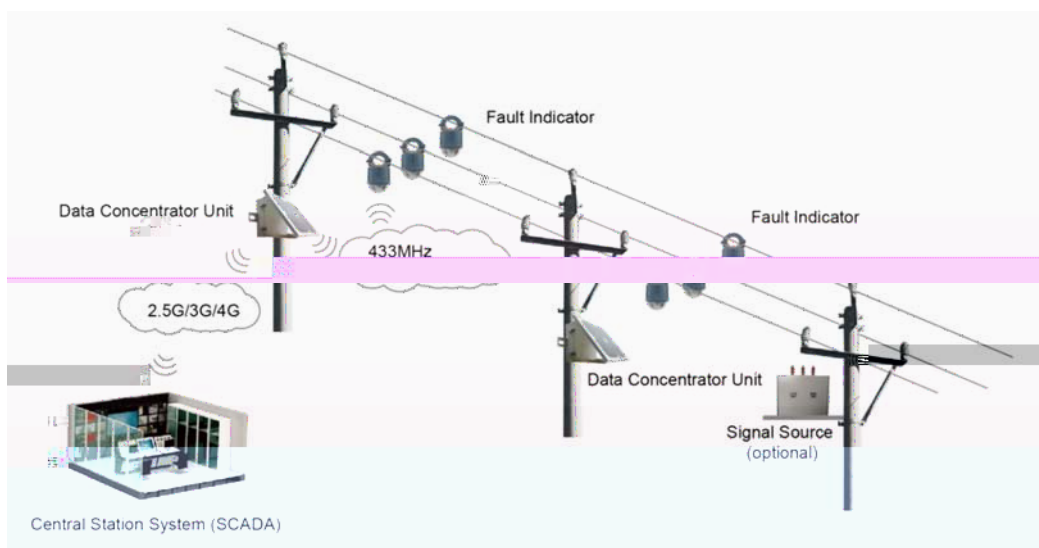
1. General Description

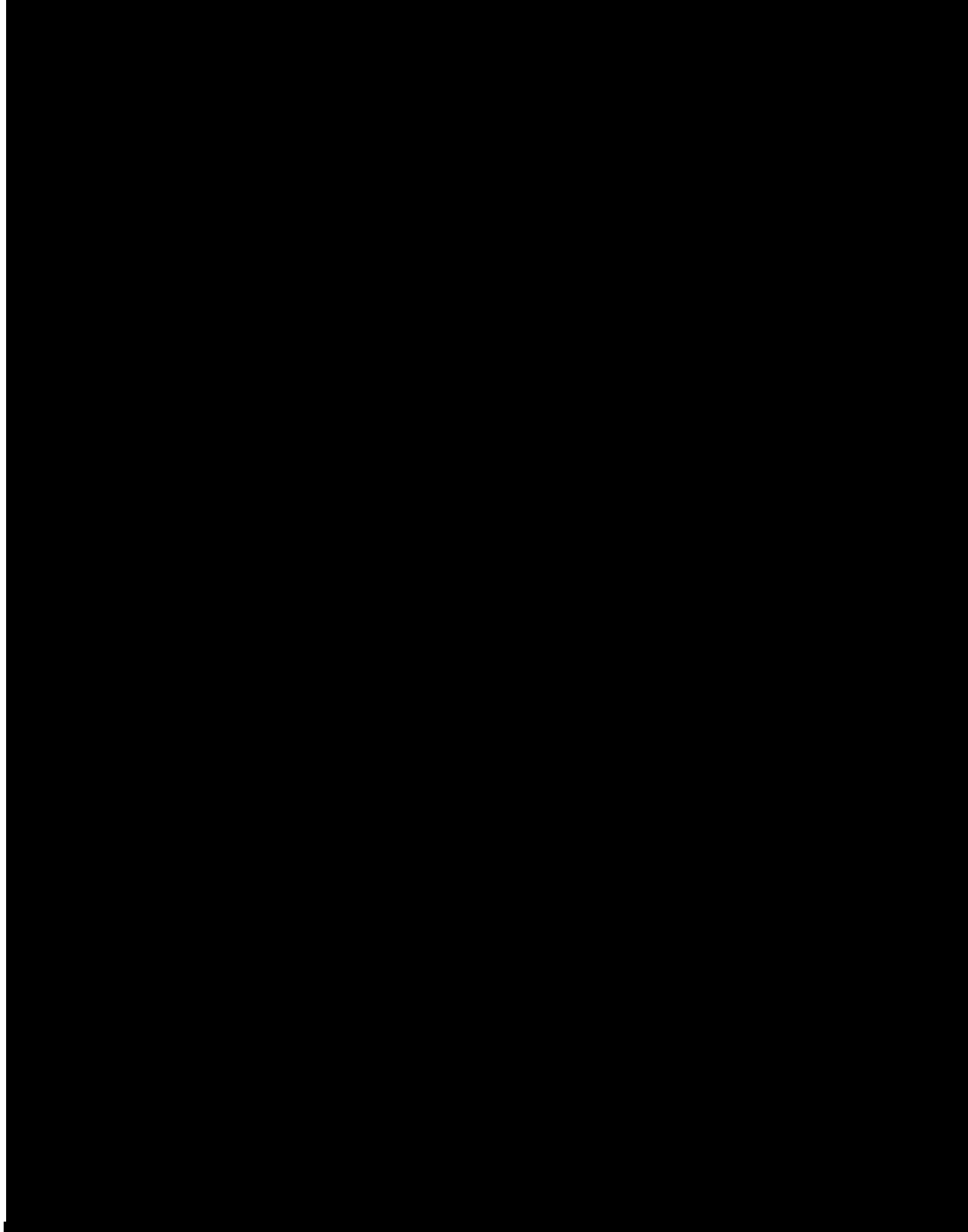
DFE-HH Overhead Line Remote Fault Indicator is usually used in 5~150KV overhead line power distribution network to monitor and detect short-circuit and earth fault. The fault signal is indicated by three ultra-bright blinking LEDs with 360° sight. The fault information and current value can also be uploaded to the SCADA by 2.5G/3G/4G/5G networks.

The indicator can be mounted under live conditions with the help of an adapter and a hot stick. The parameters such as trip current, reset time, blinking interval, etc., can be read and adjusted by a bidirectional wireless tool. Permanent fault, transient fault and battery low voltage alarm can be distinguished and indicated separately by 3 different ultra-bright blinking LEDs. And the earth-fault can be indicated by two alternating different ultra-bright blinking LEDs.

The earth-fault and short-circuit fault indicator type DFE-HH consists of:

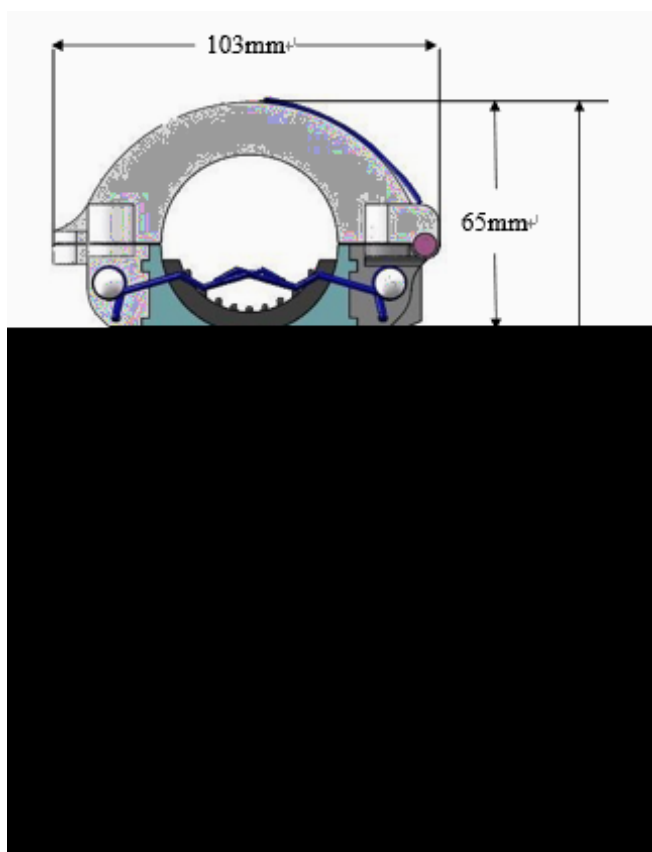
- 1) 1 pcs DCU: Transmit fault and load current value to SCADA
- 2) 3 pcs indicators: short-circuit and earth fault detection and indication





Accuracy	0A~300A \pm 3A 300A~800A \pm 1%
Cable Diameter Ranges	6mm~42mm
Blinking Frequency	10 per minute, adjustable
Max. load/fault Current	1200A
Voltage Range	5~38KV, can be customized to 44KV, 69KV, 110KV and 115KV
Current Withstand	31.5KA/4s
Communication	433MHz from indicators to DCU 2.5G/3G/4G from DCU to SCADA
Communication Protocol	Indicator to DCU: private DCU to SCADA: IEC101, IEC104, DNP3.0, Modbus

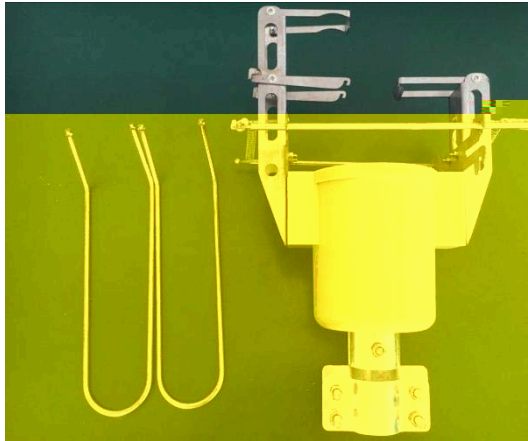
4. Dimensions



5. Accessories

5.1 Installation Adapter for Fault Indicator

**Please refer to User's Manual to get the way the installation.*



indicator parameters, do some configuration or reset indicator on site.

**Please refer to FPI-HAND User's Manual.*



5.2 FPI-HAND Fault Indicator Configuration Tool (Optional)

**Easy for maintenance crew to check fault*

6. Order Info

Item	Content
Type	Local type(3 pcs indicators) Remote type(3 pcs indicators+1 DCU)
Parameter	Voltage level: KV, Frequency: Hz SIM card quantities: 1 /2
Accessories	DCU: Solar panel Battery Housing DC adapter

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