



# EMT CO., LTD

Electric Machinery Technology Co.,LTD

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## MAIN PRODUCT ( product description )

### 1. Smart Fault Indicator / Remotely Load Current Monitoring

1. SFI (Smart Fault Indicator) system is a useful and reliable electrical system to find Phase & Earth Fault Location on the overhead distribution line
2. Earth Fault, Phase Fault detection and indicate differently for Transient Fault, Permanent Fault.
3. Also SFI system can monitor Load Current of the power distribution network efficiently.
4. It shall be able to operate as remotely monitoring system with SCADA System, or Mobile phone network

### 2. Hybrid AMI System / PLM ( Power Loss Monitoring System )

1. Hybrid AMI System shall be able to adapt for Automatic Meter Reading System with Existing Any kinds Meter like Mechanical Meter, Electronic Meter, and Smart Meter.
2. Hybrid AMI System shall be able to apply for Power Loss Monitoring & OMR for Each Transformer.
3. Power Line Communication Technology and Wireless Communication Technology shall be integrated in Hybrid AMI System.

### 3. Smart FID System / Minimise SAIDI, SAIFI

1. Smart FID ( Fault Isolation Device ) make automatic open FID on setted fault counts like Sectionalizer.
2. FID detect Earth Fault, Phase Fault, and indicate differently for Trnsient Fault, Permanent fault.
3. A,B,C Phase Load Current Monitoring on Normal status.
4. Operate by SCADA system, or Mobilephone Network

## PRODUCT IMAGE

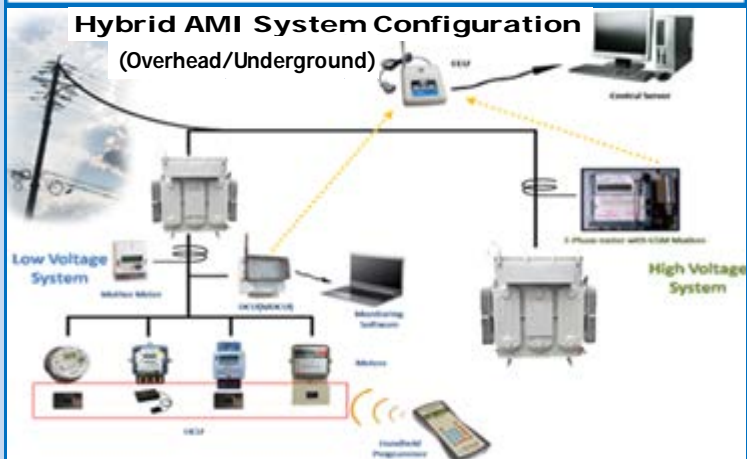
### 1. Smart Fault Indicator

- \* Earth Fault, Phase Fault Detection/Transient, Permanent Indication.
- \* Line Load Current Monitoring / Line Dead & Live Information
- \* Applicable SCADA system with RSU(2) Controller
- \* Applicable Mobile Phone Monitoring without SCADA system



### 2. Hybrid AMI System

- \* Apply AMR System with Existing Any Kinds Meters
- \* Real time power loss calculation & Give Warning Message
- \* Easily and Economical Adaption for AMI system
- \* Adaptable AMI System with Mechanical Meter, Digital Meter



### 3. Smart FID System

- \* Automatic Isolate Faulted Section by FID Trigger on setted counts
- \* Earth Fault, Phase Fault Detection
- \* Load Current Monitoring
- \* Transient Fault, Permanent Fault Indication
- \* Mobile Phone Control & Monitoring
- \* SCADA system Control & Monitoring

