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## XDP-012

### Coupler for Switchgear Partial Discharge Detection Application

*The Bi-phase Coupler is used with the XDP Partial Discharge Detector to allow online PD detection on switchgears equipped with Voltage Indicator Lamp.*

#### Be proactive:

It gives a real time picture of switchgear equipment behaviour and tells when maintenance is required to avoid network failures. Get a quick return on investment. No training required, easy to use by any maintenance people.



*Powered removable lamps*

#### No service interruptions

The XDP-012 Bi-phase Coupler uses the Capacitive Voltage Dividers of the VPIS connectors to detect internal high frequencies generated by Partial Discharges. The PD activities can be located internally or on components' surface. The Bi-phase Coupler is e/w 3 leads. It can be used to detect insulation problems phase to ground or phase to phase.

#### A Unique technic

Switchgear's main components are not accessible for inspection. Therefore, often there is a voltage indicator device (VPIS) in front of the switchgear. Capacitive Voltage Dividers power removable lamps. The voltage that powers these lamps gives a real image of the network voltage.



*Switchgear*



*XDP reading*

The XDP-012 uses a differential method that eliminates any ambient or external interference.

This unique technique avoids all service interruption. It is a simple and safe online test using the network voltage whatever the load.