

PADD



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Arrestors Default Detector

The PADD allows on-line arresters default detection on power lines up to 69 kV (or up to 45 KV phase-to-neutral).

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www.amperis.com

 AMPERIS PRODUCTS S.L
Agricultura, 34
27003, Lugo, Espanha

 **Contact**

+T [+34] 982 20 99 20 | F [+34] 982 20 99 11
info@amperis.com | www.amperis.com

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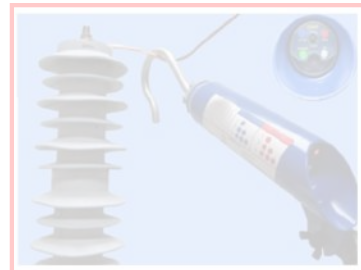
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Easy to use

The PADD is easy to use and provides with a go/no go indication giving line personnel the ability to make immediate decisions in the field. In operation, the PADD is placed in contact with the energized cable near by the arrester to be tested. When you turn on the PADD the on/o light is slow blinking. Then, manage to touch the energized cable as close as possible of the arrester to be tested using the hook termination. The on/o light is steady when the line voltage is detected. The Red Z one Light when ON indicates partial discharge or sparking internally or on the surface of the arrester. There is also an audible alarm when a default is detected. It is easily operated by one person.

Using the PADD on a day to day maintenance work to test the arresters when work are performed on an apparatus close by arresters will help you to prevent customers complaints and costly investigation to identify the source of TV and radio interference.

Be proactive



Save time and money

It is not possible to locate the specific defective arrester, causing RFI, using directional radiating equipment. With the PADD, change only the defective arrester. The PADD identifies the defective arrester, in a standard 3-phase overhead installation, that cause TV and radio interference. It avoids replacing non-defective arresters in the top of the pole identified by a RFI locator.

The PADD has been designed to detect arresters' internal / external partial discharge (arcing or sparking) that are the cause of power line TV and radio interference. We developed a contact method using ultra wide band radio frequency detection technology. It is used on energized lines.

Features

- Three level default indication.
- Two zones (scales of default).
- Visual and audible indication.
- Built-in universal hotstick adaptor.
- Powered by 9V alkaline battery.
- Carrying case included.
- All-Check self-test for verifying proper operation prior to use.
- Low battery indication.
- Lightweight design.
- Special shape for HV equipment live contact.

Optional Remote Display

- Wireless Communication link with the PADD
- dB relative value Display
- Dynamic range of 0-60 dB

