Re: Telephone socket: dangerous?

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- *From*: DecaturTxCowboy <forgetit@xxxxxxxxxx>

- *Date*: Sun, 19 Mar 2006 05:45:16 GMT

Seeker wrote:

> Was I too careless? Was I close to the other side? What would happen if I
> touched both electrodes with my finger?

Ever watch an outside plant lineman repair a buried splice in the rain standing or sitting on damp earth? You'll notice we don't take any special precautions. At most, the 48 volt line current will tickle, but the reflex action when you get across the 90 VAC ring current could cause you to fall off a ladder.

Replace the word current with voltage. For some weird reason, the telco industry calls voltage "current" and alternating current power as "battery".

A or signal battery = 24 VDC un−filtered (has hum) for relays and buzzers
B or talk battery = 24 VDC filtered (has no hum)for intercom
Ring current = 90 VAC or 105 VAC ringing voltage
Lamp battery = 16 VAC
Foreign battery = any outside power leaking into the circuit, like an AC line.

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