

APPLICATION NOTE 22

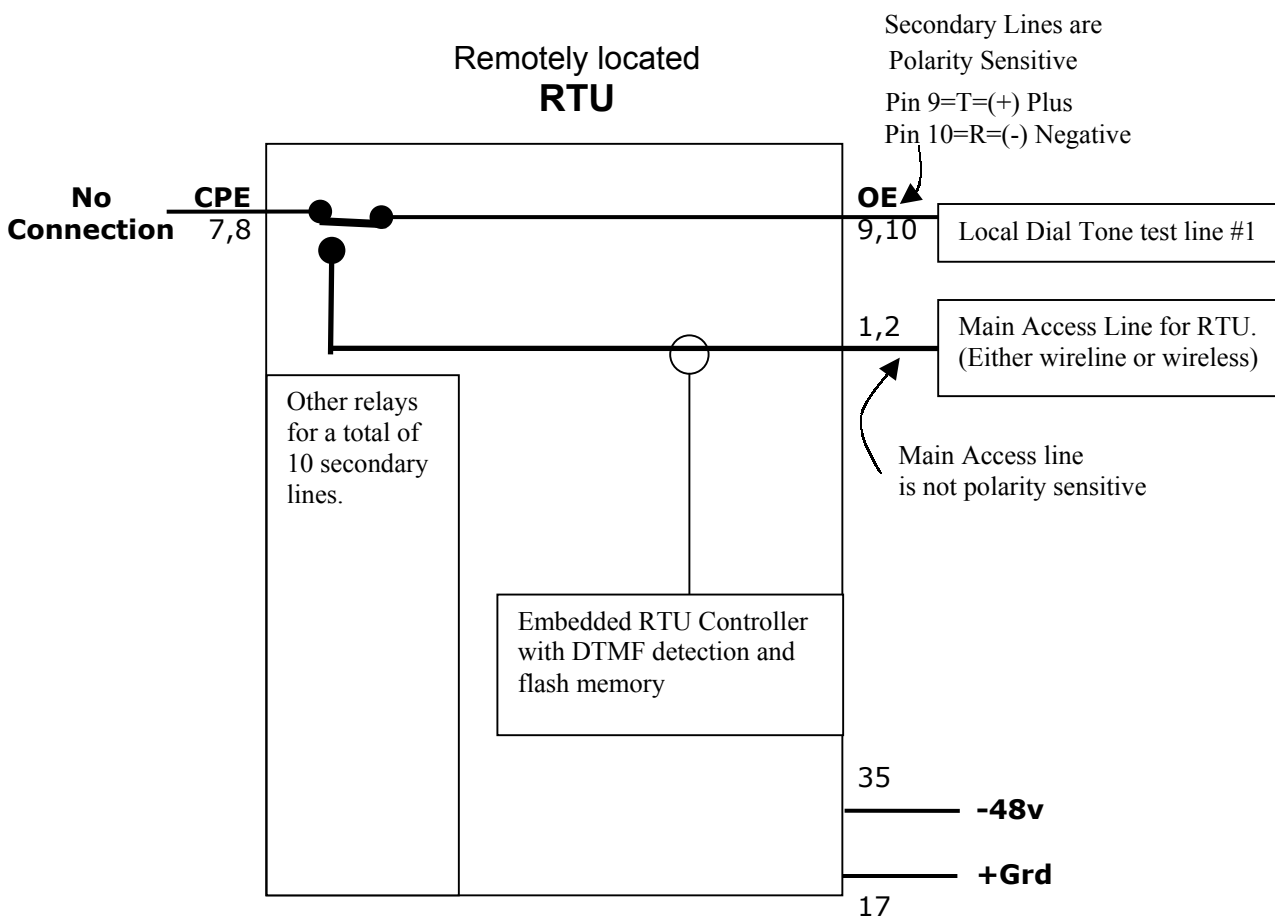
Wiring configurations for a RTU (with NO CPE)

Wiring up a Callnet Systems 761 RTU to a Nortel DMS-100 or other switch

There are a variety of ways that a 761 RTU maybe used and thus the following maybe somewhat limited. Although the examples that follow are typical applications in which a Carrier or local Telephone Company may use the RTU.

Remote Access for making test calls at a distant Central Office (Without CPE)

Generally the RTU is used for remote access of physical Dial Tone Lines at a remote location. The translations engineer or NOC personnel will typically dial the Main Access line, Login, and then Access dial tone on 1 of the 10 secondary lines. In this application, a main access phone should be wired to pins 1 & 2, office battery to pins 17 & 35, and remote test lines wired to as many test lines that are needed. In this application there is no isolation, i.e., no local CPE equipment is wired to use the test lines when the RTU is not in use. See Application Note-23 for using the Callnet 761 with a CPE and isolation.



See Application Note-24 for attaching multiple RTUs for more than 10 secondary lines.