OFF – PREMISE EXTENSION

Transmission and Electrical Information

- Frequency Response	300 - 3400 Hz
- Input Impedance	600 Ω (@ 40 mA, 300 - 3400 Hz)
- DC Loop Resistance	max. 300 Ω (in ITX 482 29 / ITX 422 29)
- Ringing voltage	min. 50 V ef. (50 Hz)

Off Premise Extension INT 910 01 is usually used for galvanic separation of the subscriber line. There is an AC signalling, which enables to increase distance of the PBX part (OPX Trunk) from the OPX Station or the OPX line circuit. In case of an amplified line, it is possible to get an unlimited distance.

It is composed of two parts:

- **OPX Trunk OPX T** **ITX 482 29 / ITX 422 29 on PbX side**
- **OPX Station OPX S** **ITZ 910 21 on Subscriber side**

1 Connection of the terminal equipment

The OPX Station provides universal interface for connection of the terminal equipment with loop signalling. It allows connecting the telephone with rotary or DTMF dialling, modem, FAX and C.O. trunk with loop signalling.

2 Automatic Diagnostics

The OPX Trunk and OPX Station are tested during idle state. The diagnostics digits are transmitting from ITX 482 29 / ITX 422 29 to ITZ 910 21 at about every 30 seconds and ITZ 910 21 must answer to this digits. If there are any errors, then they will be optically signalised.

Activation or deactivation of the diagnostics is set up by the switch on the board of the OPX Trunk ITX 482 29 / ITX 422 29.

3 Using the Modem

Due to good frequency response characteristic and the other transmission parameters, INT 910 01 allows transmitting data by a modem or by a fax with high baud rate. Line is usually a limiting part of transmission.

Function: