

# Product Features Compatible with 2810

- basic rate services and standard ISDN terminals Provides 2B+D basic
- rate service

  Conforms to ANSI T1.6011992 and ANSI
  T1.605-1991
- Supports multiple switch vendors Lucent SESS, NTI DMS-100, Siemens EWSD,
- NEC, and National ISON-1

  Responds to Quiet Mode
  and Insertion Loss Test
- Provides automatic overcurrent protection for S/T power
- Selectable terminating impedance; 50 0hm, 100 0hm, or unterminated
   Provides U-interface
- lightning protection

  Standard five-year
  warranty

### **ISDN Network Termination**

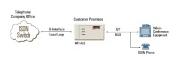
The ADTRAN NT1 ACE" provides the network termination for 2810 (180N basic rate service. The NT1 ACE provides a 281-40 basic rate service. The NT1 ACE provides a 281-40 basic rate interface between the subscriber's terminal equipment and the 180N network. Basic rate 180N consists of rove 64 bays 8 channels and a single 16 laps D channel, which was a subscriber of the 180 basic rate 180N consists of row 64 bays 18 channels with 180 basic rate 180N consists of the passion of the 180 basic rate 180N consists of the 180N

The NTI ACE is designed with nesthetics as well as functionality in mind. The unit is enclosed in an attractive, durable plastic bousing appropriate for desk-top use. The NTI ACE is powered by the wall-mount power supply included with the unit. The wall-mount power supply provides up to 8.9 W of power for terminal equipment. The NTI ACE monitors

the S/T interface for overcurrent fault conditions. In the event of such a condition, the unit automatically limits the amount of delivered current until the fault condition is removed.

As many as eight passive bus devices may be connected to the ST interation of the NT1. These connections can be in one of the following two modes: multiple terminals within 50 meters of each other over the full 1,500 meter range of the interface, or multiple terminals of arbitrary specing within 200 meters. Also, termination impedance options include 50 Ohm, 100 Other, or unterminated. The NT1 ACE is protected from lightning and barmful light protections of the protection of the protection of the protection.

Three LED status indicators on the NT1 ACE aid in fault isolation. Indicators display the status for Power, Network Ready, Network and Customer Errors.







ADTRAN, Inc. Attiv: Enterprise Networks 901 Explorer Rouleward Huntsville, AL 35806

PO. Box 140000 Huntaville, Al. 35814-4000

> 256 963-8000 voice 256 963-8090 fax Ceneral Information into@editan.com

www.adtran.com Pre-Sales Technical Support 200 615-1176 toll-free application.engineer@udtran.com

www.adtran.com/support Where to Buy 877 280-8416 toll-free channel sales@adtran.com www.adran.com/where2buy

Post-Sales Technical Support 888 423-8726 supportWedtran.com

www.adtran.com/surport ACES Installation & Maintenance Service SSS STO-ACES aces@udtran.com

www.adtran.com/support International Inquiries 258 963 8000 voice 256 963-6300 tox international@odtran.com

www.adtran.com/international For the regional office nearest you, visit

www.adtran.com/regional To download a searchable version of the ADTRAN Enterprise Networks Catalon visit www.adtren.com/ecatalog

For more information regarding ADTRAN's export license, please visit www.adtron.com/mageticense



Printed in the U.S.A COMPANIES AND AND ADDRESS OF A PARTY COMPANIES AND ADDRESS OF A PA

# NT1 ACE

### ISDN Network Termination

## **Product Specifications**

- Network Interface Line: 2-wire (TIP and Ring)
  - Operating Mode: Full-duplex Oata Bate: 160 kbps total:
- 144 kbos available to customer
- Signal Format: 2B10.
- Output Amplitude: 2.5 V, Zero-to-Peak Tx Source Impedance: As per ANSI T1 601-1992
- Rx Source Impedance: As per ANSI T1.501-1992 ■ Receiver Sensitivity: As per ANSI T1.601-1992
- Customer Interface I line: Awire (Tv and Rv Pair)
  - Operating Mode: Full-duplex ■ Data Rater 192 kbns total:
  - 144 kbox available to customer Signal Format: Alternate mark inversion.
- 100% duty cycle ■ Output Amplitude: 0.75 V, Zero-to-peak
- Tx Source Impedance: As per ANSI T1.605-1991 Rx Source Impedance: As per ANSI T1.605-1991

### Receiver Sensitivity: As per ANSI T1.505-1991 Switch Compatibility Lucent 5ESS, NTI DMS-100, NEC National ISDN-1

■ Power 110 vAC 80 Hz 11 W dissination Sources

## Physical

Size: 1.35" H. 3.75" D. 6.25" W ■ Weight 2 lbs S/T power to 89 W

### Environmental

- Operating Temperature: 0" to 50°C, 32" to 122°F Storage Temperature: -20° to 70°C, -4° to 158°F
- Relative Humidity: Up to 95%, non-condensing

#### Approvals FCC Part 15, Class B

- ECC Part 69 **•** 100
- CIII ■ CSA - cena

### Product Includes ■ Manual

- NT1 ACE ■ 6 ft telephone cable (R.145 to R.145)
- 110 V wallmount power supply Ordering Information

#### NT1 ACE & wellmount power supply 1203019L1



Specifications subject to change without notice. MTI ACE is a trademark of ADTRAN.