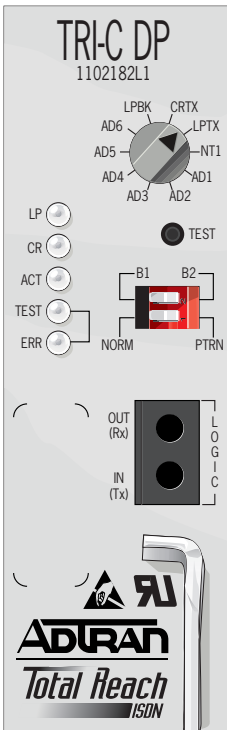


TRI-C DP / D4

CLEI: D4D3MU0D_ _



STATUS LEDs

- | | | |
|-------------|---|--|
| LP | <input type="radio"/> OFF | TRI loop sync has been established and no Near End Block Errors (NEBE) are being received from the loop interface |
| | <input checked="" type="radio"/> RED | TRI-interface is out of sync or there is loss of signal |
| | <input checked="" type="radio"/> YELLOW | Indicates a BER of 10^{-5} has been detected |
| | <input checked="" type="radio"/> FLASHING | Flashes upon receipt of a Near End Block Error (NEBE) or when a BER > 10^{-6} is detected during Local Performance Monitoring |
| CR | <input type="radio"/> OFF | Carrier sync (framing per TR-TSY-000397) has been established and no Near End Block Errors are being received from the carrier interface |
| | <input checked="" type="radio"/> RED | No framing pattern is being received |
| | <input checked="" type="radio"/> YELLOW | A BER > 10^{-5} has been detected |
| | <input checked="" type="radio"/> FLASHING | Flashes upon receipt of a Near End Block Error (NEBE) or when a BER > 10^{-6} is detected during Local Performance Monitoring |
| ACT | <input checked="" type="radio"/> GREEN | Layer 1 from the ISDN switch to the customer ISDN terminal equipment has been established |
| TEST | <input checked="" type="radio"/> GREEN | Unit is in Local Performance Monitoring mode or the local test pattern gen/det is invoked |
| | <input checked="" type="radio"/> YELLOW | Front panel test has been successfully initiated or unit is responding to a 2B+D loopback request |
| | <input checked="" type="radio"/> FLASHING | Flashes once every two seconds when responding to a B1 loopback request or when forced into a B1 loopback from the front panel. Flashes twice every two seconds when responding to a B2 loopback request or when forced into a B2 loopback from the front panel. |
| ERR | <input checked="" type="radio"/> FLASHING | Errors detected by local test pattern detector |

FACEPLATE SWITCHES

Rotary Switch - used to select circuit elements for loopback testing

- AD1 – selects address of local unit for loopback
 - AD2 – selects address of next unit downstream for loopback
 - AD3 – selects address of second unit downstream for loopback
 - AD4 – selects address of third unit downstream for loopback
 - AD5 – selects address of fourth unit downstream for loopback
 - AD6 – selects address of fifth unit downstream for loopback
 - LPBK – forces this unit to set up bidirectional loopback for selected B1 or B2 channel
 - CRTX – sets up loopback toward carrier
 - LPTX – sets up loopback toward the loop
 - NT1 – selects address of the NT1 for loopback
- TEST – initiates selected loopback test from rotary switch

DIP SWITCHES

- B1/B2 – selects which B channel, B1 or B2, to be tested during local tests
- NORM/PTRN – used to select whether test pattern is sent from a test set or the unit itself
- NORM – test pattern is sent from test set plugged into faceplate bantam jacks
- PTRN – test pattern, 2047, is internally generated and transmitted

LOGIC BANTAM JACKS

- Used to perform upstream and downstream testing with a DS0 level tester such as a TPI 108/109 or Fireberd 4000/6000.
 - Rx (OUT) – transmits signal out to unit being tested
 - Tx (IN) – receives signal in from unit being tested

HARDWARE SWITCHES SW1 & SW2

SW1-1: TRM – along with SW1-2, selects the bank type for the U-BRITE IV

SW1-2: TRM

Bank	Count/Slot	SW1-1	SW1-2
D4	D4 Counting	On	Off
	D1D Counting	On	On
SLC I	CU in slots 1,4,7,10	On	On
	CU in slots 2,5,8,11	Off	Off
SLC III	D4 Counting	On	On
	D1D Counting	Off	On

SW1-3: B1 – along with SW4 and SW5, selects the service level

SW1-4: B2

SW1-5: D

Service Option	SW1-3 (B1)	SW1-4 (B2)	SW1-5 (D)
2B+D	On	On	On
2B	On	On	Off
B1+D	On	Off	On
B2+D	Off	On	On
B1	On	Off	Off
B2	Off	On	Off
D	Off	Off	On

SW1-6: Zero Byte Substitution (ZBS)

- Enables or disables ZBS

Note: ZBS must be set the same for the COT and RT. For AMI-provisioned carriers, ZBS should be enabled. Setting is optional for B8ZS-provisioned carriers.

COMPLIANCE

This product is intended to be installed in products providing a Type “B” or “E” enclosure and in restricted access location only.

Code	Input	Output
Power Code (PC)	F	C
Telecommunication Code (TC)	–	X
Installation Code (IC)	A	–

WARRANTY

Warranty for Carrier Networks products manufactured by ADTRAN and supplied under Buyer's order for use in the U.S. is ten (10) years. For a complete copy of ADTRAN's U.S. and Canada Carrier Networks Equipment Warranty, call (877) 457-5007, Document #414.

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