



INSTALLATION INSTRUCTIONS

1. Remove the cover plate from the option slot in the TSU rear panel.
2. Slide the FSX+ Dual/Quad module into the option slot until the module is firmly positioned against the front of the chassis.
3. Fasten the thumbscrews at both edges of the module. Tighten with a screwdriver.

NETWORK (2-WIRE VOICE) CONNECTION PINOUT

Pin	Name	Description
1,2,3	Unused	N/A
4	Ring	Ring lead of 2-wire interface
5	Tip	Tip lead of 2-wire interface
6,7,8	Unused	N/A

Note: The following pins are used with the FXS+ Connector:

RJ-11 Connector: Pin 3 - Ring; Pin 4 - Tip

RJ-45 Connector: Pin 4 - Ring; Pin 5 - Tip

SPECIFICATIONS

Voice Channels	Two (four with plug-on module installed)
Transmission Levels	TX: +3 to -5dB TLP, 1dB steps RX: 0 to -8dB TLP, 1dB steps
Frequency Response	300 to 3400 Hz (± 1.0 dB)
2-wire Impedance	600 Ω + 2.15 μ F
2-wire ERL	≥ 25 dB
2-wire SRL	≥ 16 dB
THL ERL	> 26 dB
THL SRL	> 18 dB
Longitudinal Bal	> 52 dB
RX Idle Channel Noise	< 15 dBm _c
TX Idle Channel Noise	< 20 dBm _c
Loop Current	25 mA (constant current)
Loop Range	0-500 Ω @ 26 mA
Operating Temperature	0 to 45 degrees C, 95% relative humidity, non-condensing
Connector	RJ-45
Ring Generator	20 Hz 40 Vrms 2.0 REN, per port
Tests	Power-on circuit test Signal Bits Monitoring and Setting 1 kHz test tone generation Force 2-wire port output state

MENU TREE

Menu	1) Status	5) Port Status	1.1 FXS+	2W Status	Busy	RXA		
					Ringing		RXB	
				View Sig Bits			TXA	
							TXB	
	2) Config	7) Port Config	1.2 FXS+	SLC96 Status	FXS_LS			
					FXS_GS			
				1) Mode	Tandem_LS			
				2) RX LVL (TLP)	Tandem_GS			
				3) TX LVL (TLP)	PLAR			
				4) Fault Resp	Single-SLC96			
				5) Answer S'VSN	UVG-SLC96			
				6) Tandm Options				
3) Util				6) Port Utility	1.1 FXS+	1) SW Revision		
						2) Command Mode:0		
4) Test	3) Port Test	1.1 FXS+	1) 1 KHZ tone					
			2) View Sig Bits					
			3) Set TX Signal					
			4) Set 2W Output					