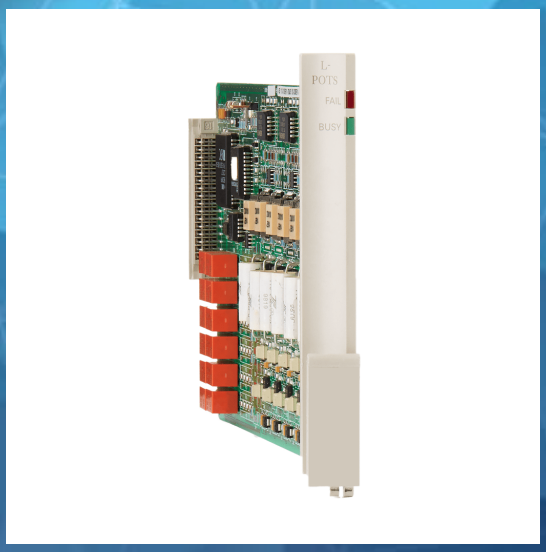


SKU: 0110-0150
Category:

Local Exchange Terminal POTS (L-POTS)

The LET Plain Old Telephone Service (L-POTS) plug-in card provides six loop start POTS circuits. The L-POTS card delivers Loop-Start-Only signaling with ring cadence following, on-hook transmission between ring bursts, and forward disconnect. The L-POTS card also provides a high on-hook DC resistance and a universal ringing detector. In addition, L-POTS card supports Call Message Waiting Indicator (CMWI) and is MLT (Mechanized Loop Testing) capable. Install the L-POTS plug-in card in the LET; install its counterpart, the RST POTS plug-in card (R-POTS), in the RST.

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Features

- •On-hook transmission (CLASS) capability
- •Forward disconnect
- •900 ff local exchange impedance
- •Compatible with the following test systems MLT, Teradyne 4TEL and Reltec
- •Call Message Waiting Indicator (CMWI)

Highlights

Scalability

You can insert the L-POTS card into any general purpose slot at a LET, allowing up to 100% slot population in a single shelf.

Voice Service

Install the L-POTS card in the LET to provide universal (TR-57) POTS service and install its counterpart, the R-POTS card, in the Remote Subscriber Terminal (RST).

Testing Capabilities

Compatible with the following test systems, including MLT, Teradyne 4TEL and Reltec.

Specifications

Physical

- •Height: 5.125 in (13.018 cm)
- •Width: 0.563 in (1.429 cm)
- •Depth: 10.5 in (26.67 cm)
- •Weight; 0.5 lb (0.23 kg)

Interfaces

- •Six (6) 2-wire circuits

Power Consumption

- •Maximum power consumption:
- •Typical power consumption: 0.62 W

Alarm / Monitor / Test

- •MLT
- •Teradyne 4TEL
- •Reltec

Environmentals

- •Temperature: -40° to +149° F (-40° to +65° C)
- •Relative Humidity: 5–95% noncondensing
- •Altitude; Up to 10,000 feet

Compliance

- •TR-TSY-000057

General

- •End to end signaling delay (normal): < 50 ms
- •Pulse distortion (pw > 50 msec); < 10 ms
- •Ring detection: < 150 ms

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- AC ringing load (20 Hz): 7 kff 3 10 %
- Ring detector sensitivity: 50 Vrms (17 to 33 Hz)
- Nominal DC input resistance: 930 ff
- Normal open interval detector threshold: 10 mA 3 3 mA
- Maximum CO wiring resistance: 200 ff
- Audio Companding: Q-Law
- Nominal VF input impedance: 900 ff + 2.16 QF
- Nominal net loss (referenced 2-wire 900ff): 0 dBm 3 0.4 dB
- Maximum VF overload level: +5 dBm
- 2-wire return loss: ERL 18 dB – SRL > 10 dB
- MLT/Teradyne DC Signatures On-Hook: Tip-to-Ground and Ring-to-Ground 430 kff and Tip-to-Ring > 2 Mff
- MLT/Teradyne DC Signatures Off-Hook: Tip-to-Ground, Ring-to-Ground 430 kff and Tip-to-Ring 900ff
- Reltec DC Signatures On-Hook: Tip-to Ground and Ring-to-Ground 445 kff and Tip-to-Ring > 2 Mff
- Reltec DC Signatures Off-Hook: Tip-to-Ground and Ring-to-Ground 445 kff and Tip-to-Ring >1200 Mff
- DLC Test Resources In Use Signatures: Tip-to-Ground, Ring-to-Ground 169 kff and Tip-to Ring 300 kff

LED Indicators

- FAIL (red)
- BUSY (green)

Management

- Craft User Interface (CUI)
- Tellabs Panorama Element Management System (EMS)

Software Support

- Minimum base software FP16 and higher

Installations

- Supported in Tellabs 1000 CBA

Ordering Information

- L-POTS: 0110-0150

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