Charles Telecommunications Group

Section 319–2TP–201
Equipment Issue 1
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3192TP STS Test Plug (Streaker Card)

GENERAL DESCRIPTION

Document Purpose

This document provides information on the Charles Industries 3192TP test plug (streaker card), part number 91–3192TP–A.

Document Status

This document is reprinted to incorporate a general editorial update.

Equipment Purpose

The 3192TP test plug provides easy access to office repeater input and output pins via a plug-in card.

Equipment Location

The 3192TP fits in any industry-standard STS shelves. Charles Industries offers a full line of these shelves and card types.

Equipment Features

The 3192TP test plug provides the following features:

- Test points and jacks for testing
- Switch settable for central office (CO) and/or field side pins
  - hardwired loopback
  - input to output passthru
  - tip/ring short
  - open
- Extended length for ease of use
- Rugged design

FUNCTIONAL DESCRIPTION

Two switches, one for Central Office direction and one for Field direction, determine the state of connection for XMT and RCV tips and rings. Test points and jacks are connected directly to the pin as labeled. See Figure 2.

INSPECTION

Inspect for Damages

Inspect the equipment thoroughly upon delivery. A unit intended for future use should be tested as soon as possible and returned to its original protective packaging for storage. If the equipment has been damaged in transit, immediately report the extent of damage to the transportation company.

Equipment Identification

Charles Industries equipment is identified by a model and issue number imprinted on the front panel or located elsewhere on the equipment. Each time a major engineering design change is made on the equipment, the issue number is advanced by 1 and imprinted on subsequent units manufactured. Therefore, be sure to include both the model number and its issue number when making inquiries about the equipment.

MOUNTING

The 3192TP Test Plug fits in industry-standard STS shelves.

WARNING

The 3192TP test plug is intended for use by a craftsperson for facility testing. Do not leave the test plug unattended for any reason while the system is in service.

The 260 V CAUTION is a warning to the craftsperson that line voltage may be present. The test plug does not require or use voltage to perform facility testing.

OPTIONING

Switch S1 provisions the central office direction of receive and transmit.

Switch S2 provisions the field direction of receive and transmit.

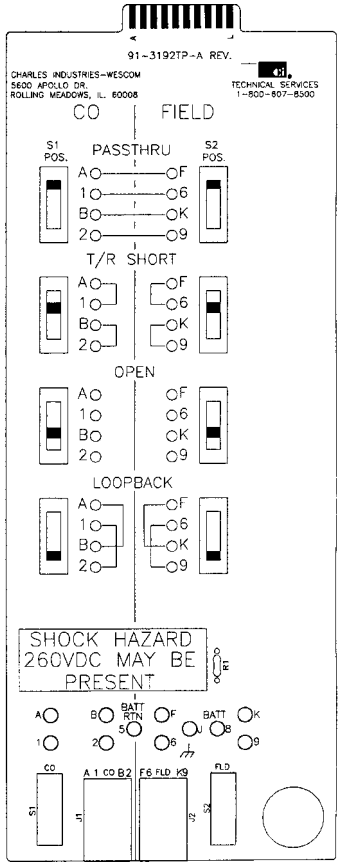

Figure 1. 3192TP Option Locations

Table 1. Description of Options

Option	Description
Passthru	Connects inputs to outputs without regeneration. *Note: Both S1 & S2 must be set to passthru for it to work.*
T/R Short	Connects tip and ring for far end continuity tests.
Open	Straight test pins; no connection to other pins.
Loopback	Connects the four-wire circuit back towards the originating direction.

CAUTION

Installation/removal of test plugs should be done with care. Do not force a test plug into place. If excessive resistance occurs during installation, remove the test plug, check the card guides and connector for proper alignment, and remove any foreign material.

TECHNICAL ASSISTANCE

Technical Assistance — U.S.

If technical assistance is required, contact Charles Industries' Technical Service Center at:

847–806–8500
800–607–8500
847–806–8556 (FAX)

techserv@charlesindustries.com (e-mail)

Technical Assistance — Canada

Canadian customers contact:

905–821–7673 (Main Office)
905–821–3280 (FAX)

WARRANTY & CUSTOMER SERVICE

Warranty

Charles Industries, Ltd. offers a 5-year warranty on this product. Contact your local Sales Representative at the address or telephone numbers below for warranty details. The warranty provisions are subject to change without notice. The terms and conditions applicable to any specific sale of product shall be defined in the resulting sales contract.

Charles Industries, Ltd.
5600 Apollo Drive
Rolling Meadows, Illinois 60008–4049
847–806–6300 (Main Office)
847–806–6231 (FAX)

Field Repairs (In-Warranty Units)

Field repairs involving the replacement of components within a unit are not recommended and may void the warranty and compatibility with any applicable regulatory or agency requirements. If a unit needs repair, contact Charles Industries for replacement or repair instructions, or follow the *Repair Service Procedure* below.

Advanced Replacement Service (In-Warranty Units)

Charles Industries offers an “advanced replacement” service if a replacement unit is required as soon as possible. With this service, the unit will be shipped in the fastest manner consistent with the urgency of the situation. In most cases, there are no charges for in-warranty repairs, except for the transportation charges of the unit and for a testing and handling charge for units returned with no trouble found. Upon receipt of the advanced replacement unit, return the out-of-service unit in the carton in which the replacement was shipped, using the pre-addressed shipping label provided. Call your customer service representative at the telephone number above for more details.

Repair Service Procedure

Prepare, complete, and enclose a purchase order in the box with the equipment to be returned.

Include the following information:

– Company name and address

– Contact name and phone number

– Inventory of equipment being shipped

– Particulars as to the nature of the failure

– Return shipping address

Ship the equipment, purchase order, and above-listed information, transportation prepaid, to the service center address shown below.

CI Service Center
Route 40 East
Casey, IL 62420–2054

Most repaired or replaced units will be returned within 30 or 45 days, depending on the product type and availability of repair parts. Repaired units are warranted for either 90 days from the date of repair or for the remaining unexpired portion of the original warranty, whichever is longer.

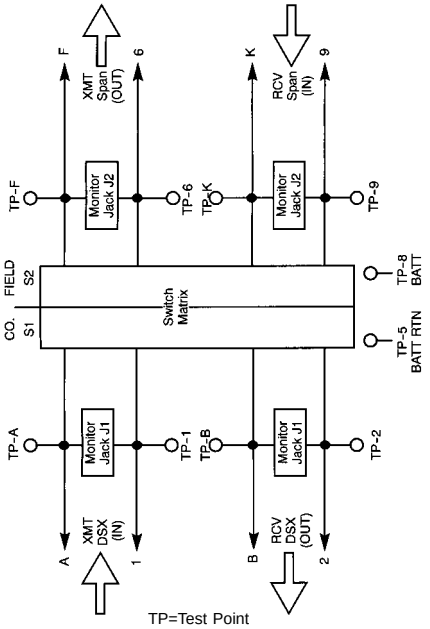

Figure 2. 3192TP Block Diagram