

34921A-02

S E R V I C E N O T E

Supersedes:
NONE

34921A 40-Channel Armature Multiplexer for 34980A

Serial Numbers: MY43000271-MY43000307
 MY44012006-MY44012008
 MY44012611-MY44016380
 MY45000002-MY45000384
 MY46000003-MY46000046
 SG44000382-SG44000405

Intermittent contact resistance with Analog Bus (ABus) relays.

Parts Required:

P/N	Description	Qty.
34921-60001	40-Channel Armature Multiplexer new replacement unit	1

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:		MODIFICATION RECOMMENDED	
ACTION CATEGORY:	<input checked="" type="checkbox"/> ON SPECIFIED FAILURE <input type="checkbox"/> AGREEABLE TIME	STANDARDS	LABOR: 0.5 Hours
LOCATION CATEGORY:	<input type="checkbox"/> CUSTOMER INSTALLABLE <input type="checkbox"/> ON-SITE <input checked="" type="checkbox"/> SERVICE CENTER <input type="checkbox"/> CHANNEL PARTNER	SERVICE INVENTORY: <input checked="" type="checkbox"/> RETURN <input type="checkbox"/> SCRAP <input type="checkbox"/> SEE TEXT	USED PARTS: <input type="checkbox"/> RETURN <input type="checkbox"/> SCRAP <input checked="" type="checkbox"/> SEE TEXT
AVAILABILITY:	PRODUCT'S SUPPORT LIFE	NO CHARGE AVAILABLE UNTIL: 7/1/2014	
<input type="checkbox"/> Calibration Required <input checked="" type="checkbox"/> Calibration NOT Required		PRODUCT LINE: BL AUTHOR: TP	
ADDITIONAL INFORMATION: Used parts are to be returned to factory for failure analysis.			

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Situation:

The ABus relays used in these affected 34921A modules may exhibit intermittent high contact resistance. This can affect two wire resistance measurements and can cause excessive voltage drop in sensitive signal routing applications.

Solution/Action:

If these symptoms are observed, contact Agilent Service for a replacement.

Note:

- New specifications apply to module replacement with serial number MY52490001/SG52490001 and above. Please refer to the 34980A datasheet in the product website (<http://www.agilent.com/find/34980A>) for latest specifications.
- If you use Y1131A verification software version 1.0, July 2005, please update to the latest version at the Y1131A product website (<http://www.home.agilent.com/en/pd-1383501-pn-Y1131A/verification-and-diagnostic-tools?nid=-33253.778753.00&cc=US&lc=eng>) to test to the latest specifications.

Revision History:

Revision Number	Date	Author	Reason For Change
1.0	6/7/13	TP	As Published