34923A-01

S E R V I C E N O T E

Supersedes:
NONE

34923A 40/80 Channel Reed Multiplexer for 34980A

Serial Numbers: **MY44002043-MY44002044**
MY44002459-MY44003110
MY45000003-MY45000029
SG44000137-SG44000146

Intermittent contact resistance with Analog Bus (ABus) relays.

Parts Required:

P/N	Description	Qty.
34923-60001	40/80-Channel Reed Multiplexer new replacement unit	1

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:

MODIFICATION RECOMMENDED

ACTION CATEGORY: √ ON SPECIFIED FAILURE; [[]] AGREEABLE TIME	STANDARDS: LABOR: 0.5 Hours		
LOCATION CATEGORY: [[]] CUSTOMER INSTALLABLE; [[]] ON-SITE; √ SERVICE CENTER; [[]] CHANNEL PARTNER	SERVICE INVENTORY: √ RETURN; [[]] SCRAP; [[]] SEE TEXT	USED PARTS: [[]] RETURN; [[]] SCRAP; √ SEE TEXT	
AVAILABILITY: PRODUCT'S SUPPORT LIFE	NO CHARGE AVAILABLE UNTIL: 7/1/2014		
[[]] Calibration Required; √ 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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Agilent Technologies

Situation:
The ABus relays used in these affected 34923A 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