

Safety Bulletin

Siemens Services Technical Bulletin SSTB 13-001 LMT2 Oil Circuit Breaker

Product: LMT2 Oil Circuit Breaker (1200A & 2000A versions).
Production year affected: Manufactured between 1970 -1981.
Modification Req: Inspection and if required, modification.
Priority of Change: Next planned maintenance.

Background

This product bulletin affects the Reyrolle, 11kV LMT2, 1200A and 2000A oil circuit breakers manufactured between 1970 and 1981. The 630A version is not included within the product bulletin.

In 1980 a modification was introduced to the moving contact clamp (part number 971A220) to ensure that under maximum short circuit fault conditions that the contacts open sufficiently to ensure fault clearance.

During this period a product notification was issued but recently it has come to our attention that some circuit breakers have not been modified.

Although the risk of failure of un-modified units is classified as extremely low, it is strongly recommended that during planned maintenance that the moving contact clamp is inspected and if required, replaced with the modification version.

Procedure

The circuit breaker is to be removed from service and a timing test carried out before the circuit breaker tank is removed in order to carry out initial inspection and examination of the moving contact clamp. If components are replaced then a timing test needs to be repeated and the results compared with the recommended specification.

Those that have been fitted with the modified component will have a 'notch' machined into side of the moving contact (see attached document).

Modified moving contact clamps can be obtained from the Siemens Services Tendering Department.

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Related Information

List of serial numbers of those circuit breakers involved
Sketch showing section through oil circuit breaker and moving contact clamp
Installation, Operational & Maintenance Schedule (IOMS 922)

LMT2 oil circuit breakers - serial number involved.

1970	3BS - LMT2/**
1971	3CS
1972	3DS
1973	3ES
1974	3FS
1975	3GS
1976	3HS

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Form:

Version:

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1977	3JS
1978	3KS
1979	3LS
1980	3MS
1981	3NS

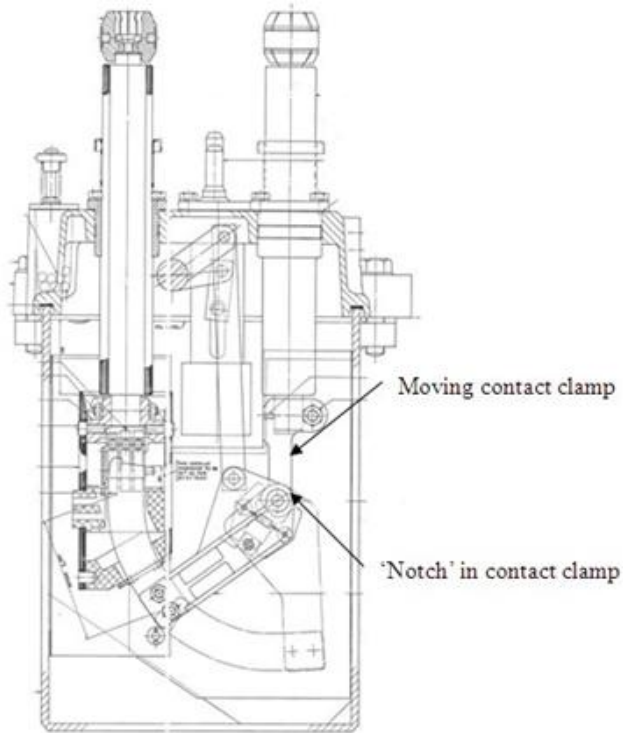


Figure 1 Section Through Circuit Breaker – Showing Moving Contact Clamp.