

ASTA CERTIFICATION SERVICES

(A Company Limited by Guarantee, Registered at London, Number 347066)

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Director: Michael J. Swan, Dip.E.E., C.Eng., F.I.E.E., F.I.O.A.

GEC ALSTHOM Low Voltage Equipment Ltd.,
East Lancashire Road,
Liverpool.
L10 4 5HB.

File Ref. AST/68/3/139

Authorisation Ref. A3132

Date 1st. June 1993

Attention of Mr. J. Zugaj

Dear Sirs,

AUTHORISATION TO USE THE ASTA CERT ENDORSEMENT

Authority is hereby given for the fuse-link types and ratings identified below to be endorsed ASTA  CERT or ASTA  CERTIFIED.

Details of Reference Fuse-Links

British Standard No.	BS88:Part. 2:Sections 2.1 and 2.2:1988 (IEC269-2:1986 & TEC269-2-1, Section II:1987)
Manufacturers Type Designation & BS Ref / Size / Types	NIT Ref. A1
Voltage Rating	440V ac
Breaking Capacity	80kA
Current Ratings	20M25A and 20M32A
ASTA Certificate No(s).	12001 (Short-Circuit)

Approved Variants

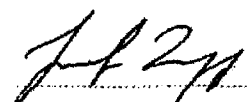
Details of any approved variants are shown on attachments to this letter.

This letter of authorisation is not valid until a signed acknowledgement of receipt has been received by ASTA. The signing of this letter by a manufacturer means ipso facto that the manufacturer agrees to recognise and to observe the requirements of the current issue of ASTA Publication No. 20.

Yours Faithfully,
for ASTA



Acknowledgement of receipt is hereby given

 Signed
for GEC ALSTHOM LVEL Company
17/6-1993 Date

ASTA CERTIFICATION SERVICES

(Incorporated in the year 1938)

23/24 Market Place, Rugby, CV21 3DU, England

Laboratory Ref. No. BUD: F17Q/C8**CERTIFICATE OF SHORT-CIRCUIT RATING**

APPARATUS: General purpose, non-indicating tag type cartridge fuse-links of 20M25A and 20M32A normal current rating.

DESIGNATION: NIT20M25 and NIT20M32

MANUFACTURER: GEC-Alsthom Low Voltage Equipment Ltd, East Lincs Road, Liverpool

TESTED BY: Fluvent Technical Services, Trafford Park, Manchester
Fluvent Technical Services, East Lincs Road, Liverpool.

DATE(S) OF TESTS: March to October 1992.

The apparatus, constructed in accordance with the description, drawings and photographs incorporated in this Certificate has been subjected to the series of proving tests in accordance with

BS88 Parts 1 and 2, Section 2.1 and 2.2: 1988 (IEC269-1, IEC269-2: 1986 and IEC269-2-1 Section II: 1987) Clause 8.5.

The results are shown in the record of Proving Tests and the oscillograms attached hereto. The values obtained and the general performance are considered to comply with the above Standard(s) and to justify the ratings assigned by the manufacturer as stated below.

Rated Breaking Capacity	-	80kA for a voltage rating of 440V 50Hz a.c.
Breaking Range and Utilization Category	-	gM

The record of Proving Tests apply only to the apparatus tested. The responsibility for conformity of any apparatus having the same designations with that tested rests with the Manufacturer.

This Certificate comprises 16 pages, 2 diagrams, 46 oscillograms, 1 photographs,
2 drawings and - other sheets as detailed on page 1

Only integral reproduction of this Certificate, or reproductions of this page accompanied by any page(s) on which are stated the assigned rated characteristics of the apparatus tested, are permitted without written permission from ASTA, 23/24 Market Place, Rugby CV21 3DU England. (see overleaf).

G.V. Rusden ASTA Observer
M.J. Swan Director
5TH MARCH 1993 Date