

ASTA CERTIFICATION SERVICES

(Incorporated in the year 1938)

ASTA House, Chestnut Field, Rugby, CV21 2TL, England

Laboratory Ref. No. 101765AS

CERTIFICATE OF SUPPLEMENTARY TESTS

APPARATUS: Two homogeneous* ranges of indicating cartridge fuse links for use by authorised persons comprising Type gG fuse links of 100 A and 50 A nominal current rating at 415 V ac and Type gG fuse links of 200 A and 125 A nominal current rating at 415 V ac with an intermediate rating of 160 A.

DESIGNATION: NH00 100A and NH00 50A fuse links
NH1 200A, NH1 160A and NH1 125A fuse links

MANUFACTURER: UNH Engineering Sdn Bhd
No. 1 and 2, Kg Perenggan,
45200 Sabak Bernam, Selangor, Malaysia

TESTED BY: Testing & Certification Australia
18 Mars Rd Lane Cove NSW 2066 Australia

DATE(S) OF TESTS: 17 to 20 November 2003

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

IEC 60269-1:1998 with Corrigendum 1 December 2000, Clause 8.4.3.3.

The results are shown in the record of Proving Tests 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.

This certificate has been issued to extend the applicability of ASTA Certificate No. 15448 (TCA laboratory Reference number 101557) issued on 24th June 2003 to cover the verification of gates tests.

Verification of time-current characteristics, Gates Tests:

Verified

*Note: The NH00 100A and NH00 50A fuse links and the NH1 200A and NH1 125A fuse links represent the maximum and minimum ratings of each homogeneous series. The intermediate rating of 160 A for the NH1 160A fuse link has been examined and complies with the requirements of a homogeneous series as specified in Clause 8.1.5.2 of IEC 60269-1:1998 with Corrigendum 1 December 2000.

The record of Proving Tests applies 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 5 pages, 0 diagram, 0 oscillograms, 2 photographs, 0 drawings and no 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 Certification Services, ASTA House, Chestnut Field, Rugby, CV21 2TL England. (see overleaf)



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P J Ryan
ASTA Observer

M. J. L. L. L.
Director

12th December 2003 Date