

ASTA Certificate

of Complete Compliance

Laboratory Ref. No.: 160200721SHA-001

APPARATUS: A range of unenclosed 3P and 3P + N, moulded case circuit-breakers fitted with a fixed overcurrent release, $I_n = 10$ to 125A, 400/415V/750V/8kV ($U_e/U_i/U_{imp}$), utilization category A, IP20, 50/60Hz, terminals marked line and load, with key operated padlockable mechanism

DESIGNATION: DAM1N-125

MANUFACTURER: Shanghai DADA Electric Co., Ltd., No. 171, Yezhuang Road, Zhuanghang, Fengxian, Shanghai, China

TESTED BY: Intertek Testing Services Shanghai, Building No 86, 1198 Qinzhou Road (North), Shanghai 200233, China

DATES OF TEST: 7 January to 14 March 2016

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 60947-2: 2006 (Fourth Edition) + A1: 2009 + A2:2013

The results are shown in the report 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

For ratings assigned by the manufacturer and proven by test see page A

The report 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 this front sheet, 1 ratings page and 97 other pages as detailed on page B

Only integral reproductions of this whole certificate or reproductions of this page accompanied by any ratings pages are permitted.
Issued by Intertek, Centre Court, Meridian Business park, Leicester, LE19 1WD, England.
Contact: asta@intertek.com Tel: +44 (0)116 263 0330.



010

C. Diack-Evans
..... C Diack-Evans
ASTA Inspector

R. Hayward
..... Certification
Manager

22nd April 2016
..... Date

ASTA Certificates, ASTA Licences and ASTA Test Reports

ASTA Certificates, ASTA Licences and ASTA Test Reports are issued by Intertek for the exclusive use of the party applying for the Certificate, Licence or Test Report and any related testing. Intertek assumes no liability to any parties other than those with which it has an agreement and then only in accordance with the agreed Terms and Conditions.

The Applicant is authorised to copy or distribute ASTA Certificates, ASTA Licences and ASTA Test Reports provided the entire contents are included, or Certificate Front Sheets accompanied by any associated pages on which are stated the assigned rated characteristics and no part is obscured or illegible, or Licence front sheets. Permission must be obtained from Intertek before any other kind of reproduction is made.

The holder of an ASTA Certificate may claim in Trade Journals, Catalogues, Technical Articles etc., and without the prior approval of Intertek that the product identified in an ASTA Certificate is ASTA Certified.

The holder of an ASTA Licence may claim in Trade Journals, Catalogues, Technical Articles etc., and without the prior approval of Intertek that the product identified in an ASTA Licence is ASTA Approved.

To minimise the possibility of any misunderstanding such claims must clearly identify the product(s) certified or approved, the ratings verified by ASTA and the Standard against which certification/approval has been made.

Any other use of the Intertek or ASTA names must first be approved in writing by Intertek.

Test results and ratings proven by testing included in ASTA Certificates and ASTA Test Reports relate specifically to the sample(s) tested.

Types of ASTA Certificates

Certificates are issued when samples of a particular product design have been tested satisfactorily against the requirements of a National, European, International or ASTA Standard. Several forms of Certificate are available, including:

Certificate of Complete Compliance

Verifies compliance with all the requirements of a Standard

Certificate of Type/Verification Tests

Verifies complete series of type/verification tests prescribed in a Standard has been made successfully.

Certificate of Selected Type/Verification Tests

Verifies specified type/verification tests have been made successfully

Supplementary Certificate

Extends the scope of an existing Certificate to cover changes in rating or in design

ASTA Test Report

An ASTA Test Report is issued when tests otherwise satisfactory cannot be included in a Certificate for one or more reasons, e.g. verification of non-standard ratings

ASTA Licences and ASTA Diamond Mark

The use of the ASTA Diamond Mark on products is authorised by an ASTA Licence. Products covered by an ASTA Licence can be referred to as ASTA Approved. Requirements for ASTA Licences include testing for full compliance with relevant standards and satisfactory, on-going assessment of production. Validity and use of ASTA Licences are subject to compliance with Intertek Certification Regulations.

For more information see <http://intertek.com/europeaninspection>

Authenticity

Authenticity of any ASTA document can be confirmed by contacting the Intertek office detailed on the front of this document.

RECORD OF PROVING TESTS

Laboratory Reference No. 160200721SHA-001

ASTA

Page No. A

Certificate No. 20666

Ratings assigned by the manufacturer and proven by test

Degree of protection:	IP20
Rated operational voltage (U_o):	400/415V
Rated insulation voltage (U_i):	750V
Rated impulse withstand voltage (U_{imp}):	8kV
Rated operational current (I_o):	10, 12.5, 16, 20, 25, 30, 32, 40, 50, 60, 63, 70, 80, 100, 125A
Conventional free air current (I_{the}):	10, 12.5, 16, 20, 25, 30, 32, 40, 50, 60, 63, 70, 80, 100, 125A
Rated frequency:	50/60Hz
Rated short-time making capacity (I_{cm}):	40kA @ 415V, pf = 0.25
Rated service short-circuit breaking capacity (I_{cs}):	20kA @ 415V, pf = 0.25
Rated ultimate short-circuit breaking capacity (I_{cu}): (Tested at: 35kA @ 415V, pf = 0.25)	20kA @ 415V, pf = 0.25

Date of Test: 7 January to 14 March 2016


C Diack-Evans, ASTA Inspector