

CERTIFICATE

Issued to:
Applicant:
ZHEJIANG DADA ELECTRICAL CO.,LTD.
Dada building, Kaituo Road, Houjie Industrial
Zone, Liushi, Yueqing 325604 Zhejiang,
China

Manufacturer/Licensee:
SHANGHAI DADA ELECTRIC CO.,LTD.
No.171 Yezhuang Road. European Industrial
Park, Zhuanghai, Fengxian, Shanghai, 201415,
China

Product(s) : Moulded-Case Circuit Breaker
Trade name(s) : 

Type(s)/model(s) : DAM1N-160

The product and any acceptable variation thereto is specified in the Annex to this certificate and the documents therein referred to.

DEKRA hereby declares that the above-mentioned product has been certified on the basis of:

- a type test according to the standard EN 60947-2:2006;
- an inspection of the production location according to CENELEC Operational Document CIG 021
- a certification agreement with the number 2032236

DEKRA hereby grants the right to use the KEMA-KEUR certification mark.

The KEMA-KEUR certification mark may be applied to the product as specified in this certificate for the duration of the KEMA-KEUR certification agreement and under the conditions of the KEMA-KEUR certification agreement.

This certificate is issued on: 28 September 2011 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 2147210.01

DEKRA Certification B.V.



drs. G.J. Zoetbrood
Managing Director



F.S. Strikwerda
Certification Manager

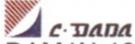
© Integral publication of this certificate is allowed

All testing, inspection, auditing and certification activities of the former KEMA Quality are an integral part of the DEKRA Certification Group.

ACCREDITED BY
THE DUTCH COUNCIL
FOR ACCREDITATION



SPECIFICATION OF THE CERTIFIED PRODUCT
Product data

product	:	Moulded-Case Circuit Breaker
trade name(s)	:	
type(s)	:	DAM1N-160
number of poles	:	3P
protected pole	:	3
rated operational voltage(Ue)	:	400 Vac
rated insulation voltage(Ui)	:	750 Vac
rated impulse withstand voltage(Uimp)	:	6 kV
rated current(In)	:	32, 40, 50, 60, 63, 80, 100, 125, 150, 160 A
rated operational current (Ie)	:	Equal to In
conventional thermal current (Ith)	:	Equal to In
rated frequency	:	50 / 60 Hz
rated ultimate short-circuit breaking capacity (Icu)	:	25 kA
rated service short-circuit breaking capacity (Ics)	:	Ics = Icu
suitable for isolation	:	Suitable
utilization category	:	A
safety distance (screen-circuit breaker)	:	Front / Back: 0 mm, Left / Right: 35 mm, Up / Down: 50 / 30 mm
instantaneous release	:	Magnetic type, fixed, for 2 phase poles in series: In ≤ 40 A: li = 500 A In > 40 A: li = 10 In for single pole: In ≤ 40 A: li = 1200 A In > 40 A: li = 20 In
inverse time delay release	:	Thermal type, fixed
method of mounting	:	Fixed
EMC environment	:	A and B
circuit-breaker for use on phase-earthed systems	:	N / A
circuit-breaker for use in IT systems	:	N / A
reference temperature	:	55 °C
connection	:	Copper cable, 2,5 - 70 mm ²

TESTS
Test requirements

EN 60947-2:2006 + A1:2009
IEC 60947-2:2006 + A1:2009

Test result

The test results are laid down in DEKRA test file 2147210.01 and test report 3302357.50.

Conclusion

The examination proved that all test requirements were met.

Tested by : Fred Fu



Checked by : Eric Wang

**Factory locations**

SHANGHAI DADA ELECTRIC CO.,LTD.

No.171 Yezhuang Road. European Industrial Park, Zhuanghai, Fengxian, Shanghai, 201415, China