

CERTIFICATE

Issued to:
Applicant:
HIMEL TECHNOLOGY, S.L.
calle Bac de Roda, No. 52, edificio A 08019,
Barcelona, Spain

Manufacturer/Licensee:
DELIXI ELECTRIC LTD
Delixi High Tech Industrial Park, Liushi Town
Yueqing City, Zhejiang Province
China, 325604

Product(s) : Moulded-Case Circuit-Breaker
Trade name(s) : HIMEL
Type(s)/model(s) : HDM3-800

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 + A1:2009 + A2:2013, IEC 60947-2:2006 + A1:2009 + A2:2013;
- an inspection of the production location according to CENELEC Operational Document CIG 021
- a certification agreement with the number 2028558

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.

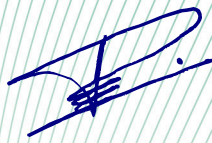
This certificate is issued on: 14 July 2016 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 3309620.03

DEKRA Certification B.V.



drs. G.J. Zoetbrood
Managing Director



F.S. Strikwerda
Certification Manager

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DUTCH ACCREDITATION
COUNCIL



SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

product	: Moulded-Case Circuit-Breaker
trade name(s)	: HIMEL
type(s)	: HDM3-800
rated operational voltage (U _e)	: 400/415 Vac
rated insulation voltage (U _i)	: 800 Vac
rated impulse withstand voltage (U _{imp})	: 8 kV
rated frequency	: 50/60 Hz
number of poles	: 3P or 3P + N
protected poles	: 3 poles (neutral is not protected)
rated current (I _n)	: 400 A, 500 A, 630 A, 700 A, 800 A
rated operational current (I _e)	: Equal to I _n
conventional thermal current (I _{th})	: Equal to I _n
rated ultimate short-circuit breaking capacity (I _{cu})	: HDM3-800S: 50 kA HDM3-800L: 25 kA HDM3-800F: 70 kA HDM3-800M: 40 kA
rated service short-circuit breaking capacity (I _{cs})	: HDM3-800S: 25 kA HDM3-800L: 25 kA HDM3-800F: 40 kA HDM3-800M: 40 kA
circuit-breaker for use in IT systems	: 9600 A at 415 Vac
safety distance	: Up / Down: 100 mm / 0 mm Left / Right: 30 mm Front / Back: 0 mm
suitable for isolation	: Yes
utilization category	: A
electrical control circuits	: N/A
shunt release	: N/A
undervoltage release	: N/A
auxiliary contact	: N/A
method of mounting	: Fixed
EMC Environment	: A and B
circuit-breaker for use on phase-earthed systems	: N/A
reference temperature	: 30 °C or 40 °C
connection	: Prepared conductors (with lug)
inverse time delay release	: Thermal type, fixed
instantaneous release	: Magnetic type, fixed, 6 I _n

Additional information

Nomenclature breakdown:

HDM3-800 S / 3 3 XX

a b c d

a - code denoting the short-circuit capacity: L, S, M, F

b - code denoting the number of poles: 'B' means 4P MCCBs; '3' means 3P MCCBs

c - code denoting the tripping type: '3' means Magnetic & thermal

d - code denoting the Product accessory: 'XX' means Without accessory

TESTS**Test requirements**

IEC 60947-2:2006 + A1:2009 + A2:2013

EN 60947-2:2006 + A1:2009 + A2:2013

Test result

The test results are laid down in DEKRA test file 3309620.03.

Remarks

This certificate is based on KEMA-KEUR certificate no. 3309618.01 issued on 2016-05-19.

This certificate replaces KEMA-KEUR certificate no. 3308934.01 issued on 2015-12-15.

Conclusion

The examination proved that all test requirements were met.

Tested by : Lucky Fan



Checked by : Eric Wang

**Factory locations**

DELIXI ELECTRIC (WUHU) LTD

Wuhu Machinery Industrial Park, Wuhu City, Anhui Province, China, 241100