

# Zertifikat

# Certificate



Zertifikat Nr. *Certificate No.*  
R 50522304

Blatt *Sheet*  
0001

Ihr Zeichen <i>Client Reference</i>	Unser Zeichen <i>Our Reference</i>	Ausstellungsdatum <i>Date of Issue</i>	<i>(day/mo/yr)</i>
G.J.Q.	01-DJL-CN21JXT6 003	27.10.2021	

Genehmigungsinhaber *License Holder*  
HIMEL HONG KONG LIMITED  
11/F KERRY CTR  
683 KING'S RD QUARRY BAY  
Hong Kong

Fertigungsstätte *Manufacturing Plant*  
040-0002339709

## Prüfzeichen *Test Mark*



Type Approved  
Safety  
Regular Production  
Surveillance

www.tuv.com  
ID 1111246327

Geprüft nach *Tested acc. to*  
EN 60947-2:2017+A1

Zertifiziertes Produkt (Geräteidentifikation)  
*Certified Product (Product Identification)*

Lizenzentgelte - Einheit  
*License Fee - Unit*

Residual Current Operated circuit-breakers (CBR)

Type Designation: 1) HDM2L-125C ; 2) HDM2L-125S

8

Selectivity Category : A  
Reference Temperature : +40°C  
Rated Operational Voltage (Ue) : AC230V; 50Hz  
Rated Current (In) : 16/20/25/32/40/50/63/80/100  
/125A

Rated Ultimate Short-circuit  
Breaking Capacity (Icu) : 1) 25kA; 2) 35kA

Rated Service Short-circuit  
Breaking Capacity (Ics) : 1) 15kA; 2) 21kA

Type of Residual Current : Type AC

Rated Residual Operating Current (I $\Delta$ n)

(Non-time-delay Type) : 30mA; 100mA; 150mA; 300mA; 500mA; fixed

(Non-time-delay Type) : 30/100/300mA; 100/300/500mA; adjustable

(Time-delay Type) : 100mA; 150mA; 300mA; 500mA; fixed

(Time-delay Type) : 100/300/500mA; adjustable

Limiting Non-actuating Time (Time-delay)

(Fixed) : 0,1s; 0,2s; 0,3s; 0,4s; 0,5s; 1s

(Adjustable) : 0,1/0,2/0,3s; 0,4/0,5/1s

Continued on page 0002

8

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde und es bestätigt die Konformität des Produktes mit den oben genannten Standards und Prüfgrundlagen. Zusätzliche Anforderungen in Ländern, in denen das Produkt in Verkehr gebracht werden soll, müssen zusätzlich betrachtet werden. Die Herstellung des zertifizierten Produktes wird überwacht.

This certificate is based on our Testing and Certification Regulation and states the conformity of the product with the standards and testing requirements as indicated above. Any additional requirements in countries where the product is going to be marketed have to be considered additionally. The manufacturing of the certified product is subject to surveillance.

TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg

http://www.tuv.com/safety E-mail: markcheck@tuv.com  
Fax: +49 221 806-3935

Zertifizierungsstelle



Wencai Zhang

# Zertifikat

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Zertifikat Nr. *Certificate No.*  
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Blatt *Sheet*  
0002

Ihr Zeichen *Client Reference*  
G.J.Q.

Unser Zeichen *Our Reference*  
01-DJL-CN21JXT6 003

Ausstellungsdatum  
27.10.2021

*Date of Issue*  
(day/mo/yr)

**Genehmigungsinhaber *License Holder***  
HIMEL HONG KONG LIMITED  
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**Fertigungsstätte *Manufacturing Plant***  
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**Lizenzentgelte - Einheit**  
*License Fee - Unit*

Residual Current Operated circuit-breakers (CBR)

Continuation from page 0001

Type of Release : Thermo-magnetic; Magnetic  
Number of Poles : 2P  
Rated Impulse Withstand  
Voltage(Uimp) : 8,0kV  
Rated Insulation Voltage(Ui) : 800V  
Rated Residual Short-circuit  
Making and Breaking  
Capacity(I<sub>Δm</sub>) : 25%I<sub>cu</sub>  
Pollution of Degree : 3  
Degree of Protection : IP20

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**Zertifizierungsstelle**



**Wencai Zhang**

# Zertifikat

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Zertifikat Nr. *Certificate No.*  
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0003

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Lizenzentgelte - Einheit  
*License Fee - Unit*

Residual Current Operated circuit-breakers (CBR)

as page 0001-0002

Addition Type Designation: 1) HDM2L-160C ; 2) HDM2L-160S 8

Selectivity Category : A

Reference Temperature : +40°C

Rated Operational Voltage(Ue): AC230V; 50Hz

Rated Current(In) : 100/125/140/160A

Rated Ultimate Short-circuit

Breaking Capacity(Icu) : 1)25kA; 2)35kA

Rated Service Short-circuit

Breaking Capacity(Ics) : 1)15kA; 2)21kA

Type of Residual Current : Type AC

Rated Residual Operating Current (IΔn)

(Non-time-delay Type): 30mA;100mA;150mA;300mA;500mA;fixed

(Non-time-delay Type): 30/100/300mA;100/300/500mA;adjustable

(Time-delay Type) : 100mA;150mA;300mA;500mA;fixed

(Time-delay Type) : 100/300/500mA;adjustable

Limiting Non-actuating Time(Time-delay)

(Fixed) : 0,1s;0,2s;0,3s;0,4s;0,5s;1s

(Adjustable) : 0,1/0,2/0,3s;0,4/0,5/1s

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Zertifizierungsstelle



Wencai Zhang

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Zertifikat Nr. *Certificate No.*  
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0004

Ihr Zeichen *Client Reference*  
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Unser Zeichen *Our Reference*  
01-DJL-CN21JXT6 003

Ausstellungsdatum *Date of Issue*  
27.10.2021  
(day/mo/yr)

Genehmigungsinhaber *License Holder*  
HIMEL HONG KONG LIMITED  
11/F KERRY CTR  
683 KING'S RD QUARRY BAY  
Hong Kong

Fertigungsstätte *Manufacturing Plant*  
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Zertifiziertes Produkt (Geräteidentifikation)  
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Lizenzentgelte - Einheit  
*License Fee - Unit*

### Residual Current Operated circuit-breakers (CBR)

as page 0001-0002

Addition Type Designation: 1) HDM2L-250C ; 2) HDM2L-250S  
Selectivity Category : A  
Reference Temperature : +40°C  
Rated Operational Voltage (Ue): AC230V; 50Hz  
Rated Current (In) : 100/125/140/160/180/200/225  
/250A

8

Rated Ultimate Short-circuit  
Breaking Capacity (Icu) : 1) 25kA; 2) 35kA  
Rated Service Short-circuit  
Breaking Capacity (Ics) : 1) 15kA; 2) 21kA  
Type of Residual Current : Type AC  
Rated Residual Operating Current (I<sub>Δn</sub>)  
(Non-time-delay Type): 30mA; 100mA; 150mA; 300mA; 500mA; fixed  
(Non-time-delay Type): 30/100/300mA; 100/300/500mA; adjustable  
(Time-delay Type) : 100mA; 150mA; 300mA; 500mA; fixed  
(Time-delay Type) : 100/300/500mA; adjustable  
Limiting Non-actuating Time (Time-delay)  
(Fixed) : 0,1s; 0,2s; 0,3s; 0,4s; 0,5s; 1s  
(Adjustable) : 0,1/0,2/0,3s; 0,4/0,5/1s

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TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg  
<http://www.tuv.com/safety> E-mail: [markcheck@tuv.com](mailto:markcheck@tuv.com)  
Fax: +49 221 806-3935

Zertifizierungsstelle



Wencai Zhang

DELIXI ELECTRIC LTD  
Mr. Guo Jianquan

Date : 27.10.2021  
Our ref. : DJL 01  
Your ref.: G.J.Q.

Delixi High Tech Industrial Park,  
Liushi Town, Yueqing City,  
325604 Zhejiang  
P.R. China

**Ref : R TÜV-Mark Approval**

Type of Equipment : CBR  
Model Designation : See Certificate  
Certificate No. : R 50522304 0001  
Report No. : CN21JXT6 003

Dear Mr. Guo Jianquan,

Enclosed please find above certification documents.  
Please forward these originals to the certificate holder.

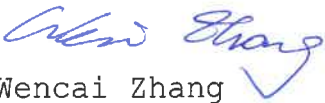
If you contact our office, please quote our reference above.

We thank you for your cooperation.

the certificate holder is: HIMEL HONG KONG LIMITED

With kind regards,

Certification Body

  
Wencai Zhang

Enclosure

证书的详细资料请登陆[www.tuvdotcom.com](http://www.tuvdotcom.com)查阅,或拨打我司客服热线800 999 3668 / 400 883 1300咨询

HIMEL HONG KONG LIMITED  
Jianquan Guo

11/F KERRY CTR  
683 KING'S RD QUARRY BAY  
Hong Kong

Date : 27.10.2021  
Our ref. : DJL 01  
Your ref.: G.J.Q.

**Ref : R TÜV-Mark Approval**

Type of Equipment : CBR  
Model Designation : See Certificate  
Certificate No. : R 50522304 0001  
Report No. : CN21JXT6 003

Dear Jianquan Guo,

The above specified equipment has been tested and found to be in accordance with the relevant requirements.

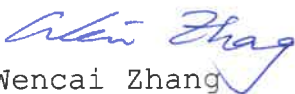
Please find enclosed your certificate as specified above.

If cancellation of the certificate is submitted by 15 November in a given year, no fee will be charged for the following year.

The certificate is issued with the reservation that the license holder applies all information required in § 6 of the ProdSG related to name and address of the manufacturer or his authorized representative / importer, including their respective contact addresses on the product prior to marketing of the product in the European Economic Area.

With kind regards,

Certification Body

  
Wencai Zhang

cc: DELIXI ELECTRIC LTD

Enclosure

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# C E R T I F I C A T E



of Conformity  
Low Voltage Directive 2014/35/EU

Registration No.: AN 50522319 0001

Report No.: CN21JXT6 003

Holder: HIMEL HONG KONG LIMITED  
11/F KERRY CTR  
683 KING#S RD QUARRY BAY  
Hong Kong

Product: Residual Current Operated circuit-breakers  
(CBR)

Identification: Type Designation: HDM2L series

Serial No. : Engineering sample

Remark: Issued in conjunction with TÜV Rheinland license  
R 50522304 0001-0004.

This certificate of conformity is based on an evaluation of a sample of the above mentioned product. Technical Report and documentation are at the Licence Holder's disposal. This is to certify that the tested sample is in conformity with Annex I of Council Directive 2014/35/EU, referred to as the Low Voltage Directive. This certificate does not imply assessment of the series-production of the product and does not permit the use of a TÜV Rheinland mark of conformity. The holder of the certificate is authorized to use this certificate in connection with the EC declaration of conformity according to Annex IV of the Directive.

Certification Body

Date 27.10.2021

Wencai Zhang

The signature of Wencai Zhang is written in blue ink over a circular purple stamp. The stamp contains the text 'TÜV Rheinland LGA Products GmbH' and 'Zertifizierungsstelle'.

TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg

CE The CE marking may be used if all relevant and effective EC Directives are complied with. CE

HIMEL HONG KONG LIMITED  
Jianquan Guo

Date : 27.10.2021  
Our ref. : DJL 01  
Your ref.: G.J.Q.

11/F KERRY CTR  
683 KING#S RD QUARRY BAY  
Hong Kong

**Ref : AN Certificate of Conf. Low Voltage D.**

Type of Equipment : CBR  
Model Designation : See Certificate  
Certificate No. : AN 50522319 0001  
Report No. : CN21JXT6 003

Dear Jianquan Guo,

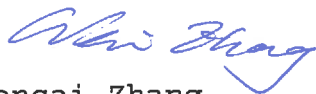
We herewith confirm that a sample of the above mentioned technical equipment has been tested and was found to be in accordance with the relevant requirements.

Enclosed please find your Certificate of Conformity.

We appreciate your kind support and would like to offer our assistance and continuous services in the future.

With kind regards,

Certification Body



Wencai Zhang

CC: DELIXI ELECTRIC LTD

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