

# Zertifikat

# Certificate



Zertifikat Nr. *Certificate No.*  
R 50479027

Blatt *Sheet*  
0001

Ihr Zeichen *Client Reference*  
C.B.J

Unser Zeichen *Our Reference*  
ZKR1-CGL-60408116 001

Ausstellungsdatum *Date of Issue*  
28.08.2020 (day/mo/yr)

Genehmigungsinhaber *License Holder*  
Dong-A Electric Device Co., Ltd.  
74, Dadae-ro 137beon-gil,  
Saha-gu, Busan, 49393  
Republic of Korea

Fertigungsstätte *Manufacturing Plant*  
Dong-A Electric Device Co., Ltd.  
74, Dadae-ro 137beon-gil,  
Saha-gu, Busan, 49393  
Republic of Korea

## Prüfzeichen *Test Mark*



Type Approved  
Safety  
Regular Production  
Surveillance

www.tuv.com  
ID 1111228705

Geprüft nach *Tested acc. to*  
EN 60947-2:2017  
IEC 60947-2:2016

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

## Lizenzentgelte - Einheit *License Fee - Unit*

Circuit Breaker Circuit Breaker incorp. Residual Current Protection

Type Designations : DBE10xyy, DBE5xyy 7  
x stands for : Number of Poles (2, 3, 4)  
yy stands for : Rated Short-Circuit Capacity Icu  
(Hc, Sc)

Rated Operational Voltage : 220/460V  
Rated Frequency : 50/60Hz  
Rated Current : 15, 16, 20, 25, 30, 32, 40, 50,  
60, 63, 75, 80, 100, 125A

Rated Insulation Voltage : 1000V  
Rated Impulse Voltage : 8kV  
Utilization Category : A  
Pollution Degree : 3  
Reference Temperature : 40°C

Suitability for Insulation: Yes  
Rated Ultimate Short-circuit Breaking  
Capacity (Icu) yy=Hc : 100/50kA at 220/460Vac  
yy=Sc : 85/37kA at 220/460Vac

Rated Service Short-circuit Breaking  
Capacity (Ics) : 100%Icu  
Rated Residual Operating Current : 30mA, 100/200/500mA

ANLAGE (Appendix): 1.0

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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

Tel.: +49 221 806-1371 e-mail: cert-validity@de.tuv.com  
Fax: +49 221 806-3935 http://www.tuv.com/safety

Zertifizierungsstelle



TagSun Park

Dong-A Electric Device Co., Ltd.  
Mr. Chul-Bum Joo Manager  
Strategic Planning Team  
74, Dadae-ro 137beon-gil,  
Saha-gu, Busan, 49393  
Republic of Korea

Date : 28.08.2020  
Our ref. : CGL ZKR1  
Your ref.: C.B.J

**Ref : R TÜV-Mark Approval**

Type of Equipment : Circuit Breaker incorp. Residual Current  
Protection  
Model Designation : See Certificate  
Certificate No. : R 50479027 0001  
Report No. : 60408116 001

Dear Mr. Chul-Bum Joo,

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

Please find enclosed your certificate.

As the photo documentation is the evidence of certification, you need to keep the authorized copy for reference purposes as long as your certificate remains valid and the products are being sold.

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

We appreciate your support and would like to offer our assistance in the approval of your future products through our extensive range of technical services. Please feel free to contact us whatever your requirements may be.

With kind regards,

Certification Body

  
TagSun Park

Enclosure