

# DEMKO CERTIFICATE

**Certificate No.** D-05824-A3  
**Page** 1/3  
**Date of Issue** 2019-02-27

**Certificate Holder** TDK-LAMBDA CORP  
NAGAOKA TECHNICAL CENTER  
2704-1 SETTAYA-MACHI NAGAOKA-SHI NIIGATA 940-1195  
JAPAN

**Manufacturer** TDK-LAMBDA CORP  
NAGAOKA TECHNICAL CENTER  
2704-1 SETTAYA-MACHI NAGAOKA-SHI NIIGATA 940-1195  
JAPAN

**Production site** TDK-LAMBDA CORP  
2704-1 SETTAYA-MACHI NAGAOKA-SHI NIIGATA-KEN 940-1195  
JAPAN

**Certified Product Model** DC-DC Converter  
CCG15-24-xxS, CCG15-48-xxS  
See Page 2

**Trademark**

***TDK-Lambda***

**Rated Voltage / Frequency**

See Page 2

**Rated Current / Power**

See Page 2

**Insulation Class**

Class III

**Degree of protection (IP)**

IPX0

**Tested acc. to**

EN 62368-1:2014/A11:2017, EN 62368-1:2014

**Test Report No.**

E132035-A6011-CB-1 issued on 2019-02-26

**Additional**

For building-in.

The report was revised to include technical modifications.

**Expire date**

2027-04-18

---

**Certification Manager**  
Jan-Erik Storgaard

This is to certify that representative sample(s) of the Product described herein ("Certified Product") have been investigated and found in compliance with the Standard(s) indicated on this Certificate, in accordance with the D Mark Requirements. The Designated Certificate holder is entitled to use the d or for cables <DEMKO> for the Certified Product manufactured at the production site(s) identified above, in accordance with the D Mark Service Agreement, including without limitation the D Mark Testing and Certification Services Service Terms. Only those Products bearing the D Mark should be considered as being covered by UL's D Mark Service. This Certificate shall remain valid through the expiration date, unless terminated earlier in accordance with the Service Agreement including without limitation if the Standard identified on this Certificate is amended or withdrawn prior the expiration date.

**Certification Body**

UL International Demko A/S, Borupvang 5A, DK-2750  
Ballerup, Denmark, Tel. +45 44 85 65 65,  
info.dk@ul.com  
www.ul-europe.com



# Appendix DEMKO CERTIFICATE

**Certificate No.** D-05824-A3  
**Page** 2/3  
**Date of Issue** 2019-02-27

**Model Details:**

CCG15-24-xxS, CCG15-48-xxS (where xx: 03, 05, 12 or 15). Maybe followed by suffix /P.

**Ratings:**

**Input:**

9 - 36 Vdc (for Model CCG15-24-xxS)

1.9 A (for Model xx: 03)

2.1 A (for Model xx: 05 or 15)

2.2 A (for Model xx: 12)

18 - 76 Vdc (for Model CCG15-48-xxS)

1.0 A (for Model xx: 03 or 15)

1.1 A (for Model xx: 05 or 12)

**Output:** See Test Report.

**Additional Information:**

This Certificate replaces earlier issued certificate No. D-05824-A2-M1 due to addition of Alternate Plastic Sheet between PWB and Case; Shin-Etsu Chemical Co., Ltd., Grade TC-11TAP-2.

---

**Certification Body**

UL International Demko A/S, Borupvang 5A, DK-2750  
Ballerup, Denmark, Tel. +45 44 85 65 65, info.dk@ul.com  
[www.ul-europe.com](http://www.ul-europe.com)



# Appendix DEMKO CERTIFICATE

Certificate No. D-05824-A3  
Page 3/3  
Date of Issue 2019-02-27



---

**Certification Body**

UL International Demko A/S, Borupvang 5A, DK-2750  
Ballerup, Denmark, Tel. +45 44 85 65 65, info.dk@ul.com  
[www.ul-europe.com](http://www.ul-europe.com)

