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ZERTIFIKAT ◆ CERTIFICATE ◆ 認證證書 ◆ CERTIFICADO ◆ CERTIFICAT



Product Service

# CERTIFICATE

No. B 075029 0015 Rev. 00

**Holder of Certificate:** TDK-Lambda Singapore Pte., Ltd.  
1008  
Toa Payoh North, #06-01/08 318996  
SINGAPORE

**Certification Mark:**



**Product:** Power supply  
AC-DC Power Supply (for building-in)

The product was tested on a voluntary basis and complies with the essential requirements. The certification mark shown above can be affixed on the product. It is not permitted to alter the certification mark in any way. In addition the certification holder must not transfer the certificate to third parties. See also notes overleaf.

**Test report no.:** 7191181453/02-TR

**Valid until:** 2023-08-19

**Date,** 2018-08-29 (KIM HOCK TEO)





Product Service

# CERTIFICATE

No. B 075029 0015 Rev. 00

## Conditions of Acceptability:

When installed in an end-product, consideration must be given to the following:

- When installed in end product, the clearance and creepage distance between the hazardous parts and accessible parts shall meet the standard(s) requirements. Hi-pot test, touch current test and ground bond test shall be conducted at end product.
- The maximum investigated branch circuit rating is: 20 A.
- The equipment disconnect device is considered to be provided in end product.
- The investigated Pollution Degree is: 2.
- Proper bonding to the end-product main protective earthing termination is: Required (via Chassis).
- The following magnetic devices (e.g. transformers or inductor) are provided with an OBJY2 insulation system with the indicated rating greater than Class A (105°C): T1, L3 (Class 155(F)).
- The following end-product enclosures are required: Fire, Electrical.
- The following output circuit are at PS1 and PS3 energy levels : Output.
- The end-product Electric Strength Test is to be based upon a maximum working voltage of : 418 Vpk, 250Vrms.
- The following product-line tests are conducted for this product: Electric Strength
- X-Capacitor (C3 and C6) may have the capacitance 1.0 uF at the maximum. Therefore, consideration shall be given in conducting Capacitance Discharge test in end product application with respect to the variation in C3 and C6.
- Line to ground capacitors (C1, C2) may have the capacitance 1000 pF at the maximum. Therefore, consideration shall be given in conducting Touch current test in end product application with respect to the variation in those capacitors.
- Line to ground capacitors (C4, C7, C8) may have the capacitance 2200 pF at the maximum. Therefore, consideration shall be given in conducting Touch current test in end product application with respect to the variation in those capacitors.
- Humidity conditioning has been conducted by tropical condition.
- Classification of PIS has not been conducted. Therefore, all electrical components and conductors including printed wirings were assumed to be arcing/resistive PIS.
- This component has been evaluated in "control of fire spread" method assuming appropriate fire enclosure is provided in the end product. Unless the fire enclosure is made of non-combustible or V-0 material, the separation from the PIS shall be considered.

**Tested according to:** EN 62368-1:2014/A11:2017

**Production Facility(ies):** 026064

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