



Ref. Certif. No.

**DK-107808-UL**

**IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT (IECEE) CB SCHEME**

**CB TEST CERTIFICATE**

Product

DC to DC Converter

Name and address of the applicant

TRACO ELECTRONIC AG  
Sihlbruggstrasse 111 CH-6340 Baar, SWITZERLAND

Name and address of the manufacturer

TRACO ELECTRONIC AG  
Sihlbruggstrasse 111 CH-6340 Baar, SWITZERLAND

Name and address of the factory



Note: When more than one factory, please report on page 2

Additional Information on page 2

Ratings and principal characteristics

(Optional)  
THM 3-0510WIA, THM 3-0510WI  
Input Range:4.5 - 9 VDC  
Output Voltage:3.3 VDC  
Full Load:1000mA  
See test report for more details.

Trademark / Brand (if any)



Type of Customer's Testing Facility (CTF) Stage used

Model / Type Ref.

THM x-yzAz1z1z1z1z1z1z1, THM x-yzWIAz1z1z1z1z1z1z1,  
THM x-yzWlz1z1z1z1z1z1z1, THM x-yzz1z1z1z1z1z1z1  
See Page 2

Additional information (if necessary may also be reported on page 2)

Additional Information on page 2

A sample of the product was tested and found to be in conformity with

IEC 62368-1:2014

As shown in the Test Report Ref. No. which forms part of this Certificate

2004070-10-CB issued on 2020-12-15

This CB Test Certificate is issued by the National Certification Body



- UL (US), 333 Pfingsten Rd L 60062, Northbrook, USA
- UL (Demko), Borupvang 5A DK-2750 Ballerup, DENMARK
- UL (JP), Marunouchi Trust Tower Main Building 6F, 1-8-3 Marunouchi, Chiyoda-ku, Tokyo 100-0005, JAPAN
- UL (CA), 7 Underwriters Road, Toronto, M1R 3B4 Ontario, CANADA

Date: 2020-12-25

Signature:

Jan-Dirk Borgaar

For full legal entity names see [www.ul.com/ncbnames](http://www.ul.com/ncbnames)

**Model Details:**

THM x-yzAz1z1z1z1z1z1z1, where

x = 3, 6 or 10 representing output power,

y = 05, 12, 24 or 48 representing input voltage range,

z = 10, 11, 12, 13, 15, 21, 22 or 23 representing output voltage,

z1 can be any alphanumeric or blank for marketing purpose and no impact to safety.

THM x-yzz1z1z1z1z1z1z1, where

x = 3, 6 or 10 representing output power,

y = 05, 12, 24 or 48 representing input voltage range,

z = 10, 11, 12, 13, 15, 21, 22 or 23 representing output voltage,

z1 can be any alphanumeric or blank for marketing purpose and no impact to safety.

THM x-yzWIAz1z1z1z1z1z1z1, where

x = 3, 6 or 10 representing output power,

y = 24 or 48 representing input voltage range,

z = 10, 11, 12, 13, 15, 21, 22 or 23 representing output voltage,

z1 can be any alphanumeric or blank for marketing purpose and no impact to safety.

THM x-yzWlz1z1z1z1z1z1z1, where

x = 3, 6 or 10 representing output power,

y = 24 or 48 representing input voltage range,

z = 10, 11, 12, 13, 15, 21, 22 or 23 representing output voltage,

z1 can be any alphanumeric or blank for marketing purpose and no impact to safety.

**Additional Information:**

Additionally evaluated to EN 62368-1:2014/A11: 2017 ; National differences specified in the CB Test Report.

**Additional information (if necessary)**

UL (US), 333 Pfingsten Rd L 60062, Northbrook, USA

UL (Demko) Borupvang 5A DK-2750 Ballerup DENMARK

UL (JP), Marunouchi Trust Tower Main Building 6F, 1-8-3 Marunouchi, Chiyoda-ku, Tokyo 100-0005, JAPAN

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Jan-Erik Storgaard