



Ref. Certif. No.

**DK-115783-UL**

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

**CB TEST CERTIFICATE**

Product

DC/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

Ratings and principal characteristics

(Optional) Input: 36-160 V d.c.  
See test report for Input current and Output rating.  
☒ Additional Information on page 2

Trademark (if any)



Customer's Testing Facility (CTF) Stage used

Model / Type Ref.

THN 15-721y1WIRzzzzzzzz, THN 15-722y2WIRzzzzzzzz, THN 20-x1y1WIRzzzzzzzz, THN 20-x2y2WIRzzzzzzzz, THN 30-x1y1WIRzzzzzzzz  
☒ Additional Information on 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

2105029-CB issued on 2021-06-29

This CB Test Certificate is issued by the National Certification Body



- ☐ UL (US), 333 Pfingsten Rd IL 60062, Northbrook, USA
- ☒ UL (Denko), 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

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

Date: 2021-07-07

Signature:

Ja i-Erik Storgaard

**Additional Model(s):****Series:**

THN 20-x2y2WIRzzzzzzzz, THN 20-x1y1WIRzzzzzzzz;

THN 30-x2y2WIRzzzzzzzz, THN 30-x1y1WIRzzzzzzzz,


THN 15-722y2WIRzzzzzzzz, THN 15-721y1WIRzzzzzzzz

(where "x" = 24, 48 or 72, "y1" = 0, 1, 2, 3 or 5, "y2" = 1, 2, 3 or 5, and "z" may be any alphanumeric character, "-" or blank)

**Input Rating:****Model Name:** THN 15-721y1WIRzzzzzzzz: (Optional) 36-160 V d.c.**Model Name:** THN 15-722y2WIRzzzzzzzz: (Optional) 36-160 V d.c.**Model Name:** THN 20-x1y1WIRzzzzzzzz: (Optional) 9-36 or 18-75 or 36-160 V d.c.**Model Name:** THN 20-x2y2WIRzzzzzzzz: (Optional) 9-36 or 18-75 or 36-160 V d.c.**Model Name:** THN 30-x1y1WIRzzzzzzzz: (Optional) 9-36 or 18-75 or 36-160 V d.c.**Model Name:** THN 30-x2y2WIRzzzzzzzz: (Optional) 9-36 or 18-75 or 36-160 V d.c.**Additionally evaluated to:**

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

National Difference specified in the CB Test Report

**Additional information (if necessary)**☐ UL (US), 333 Pfingsten Rd IL 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, CANADAFor full legal entity names see [www.ul.com/ncbnames](http://www.ul.com/ncbnames)**Date:** 2021-07-07**Signature:**  
Jan-Erik Storgaard