

**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

☐ Additional Information on page 2

(Optional)
Input: 9-18 VDC, 3.02 A
Output: 3.3 VDC, 7A
for model: THN 30-1210
See test report for details.

Trademark / Brand (if any)



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

Model / Type Ref.

THN 15-x1zaaaaaaaaa, THN 15-x1zWlaaaaaaaaa, THN
15-x2zaaaaaaaaa, THN 15-x2zWlaaaaaaaaa, THN
20-x1zaaaaaaaaa, THN 20-x1zWlaaaaaaaaa, See Page 2

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

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

☐ 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

2004070-12-CB issued on 2021-01-11

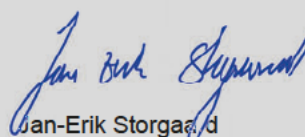
This CB Test Certificate is issued by the National Certification Body



- ☐ 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: 2021-01-18

Signature:



For full legal entity names see www.ul.com/ncbnames

Model Details:

THN 15-x1zaaaaaaaa,THN 15-x1zWiaaaaaaaa,THN 15-x2zaaaaaaaa,THN 15-x2zWiaaaaaaaa

Where "x" = 12, 24 or 48; "z" = 5; "a" may be any alphanumeric character, "-" or blank

THN 20-x1zaaaaaaaa,THN 20-x2zWiaaaaaaaa,THN 20-x2zaaaaaaaa,THN 20-x1zWiaaaaaaaa

Where "x" = 12, 24 or 48; "z" = 0, 1 or 5; "a" may be any alphanumeric character, "-" or blank

THN 30-x1zaaaaaaaa,THN 30-x2zWiaaaaaaaa,THN 30-x2zaaaaaaaa,THN 30-x1zWiaaaaaaaa

Where "x" = 12, 24 or 48; "z" = 0, 1, 2, 3 or 5; "a" may be any alphanumeric character, "-" or blank

Additional information (if necessary)



UL (US), 333 Pfingsten Rd L 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/nclnames

Date: 2021-01-18

Signature:

Jan-Erik Storgaard

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CB SCHEME

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DC-DC Converter

Name and address of the applicant

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Sihlbruggstrasse 111 CH-6340 Baar Switzerland

Name and address of the manufacturer

TRACO ELECTRONIC AG
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Name and address of the factory

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Ratings and principal characteristics

☐ Additional Information on page 2

(Optional)

Input: 9-18 VDC; Output: 3.3 VDC, 4000 mA for model THD 15-1210N

Input: 9-18 VDC; Output: 3.3 VDC, 4500 mA for model THN 20-1210

See test report for details.

Trademark / Brand (if any)



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

Model / Type Ref.

THD 15-XYZBz1z1z1z1z1, THN 20-XYZBz1z1z1z1z1
See Page 2

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

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

☐ 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

2004070-14-CB issued on 2021-01-11

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

Date: 2021-01-15

Signature:

Jan-Erik StorgaardFor full legal entity names see www.ul.com/ncbnames



Ref. Certif. No.

DK-108768-UL

Model Details:

THD 15-XYZBz1z1z1z1z1 (X maybe 12, 24 or 48; Y maybe 1 or 2; Z maybe 0,1,2 or 3; B maybe WIN or N; z1 may be any alphanumeric character, blank or dash)

THN 20-XYZBz1z1z1z1z1 (X maybe 12, 24 or 48; Y maybe 1 or 2; Z maybe 0,1,2 or 3; B maybe WI or blank; z1 may be any alphanumeric character, blank or dash)

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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