



Ref. Certif. No.

DK-110311-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



Additional Information on page 2

Ratings and principal characteristics

For model: TEN 40-1210N
Range: 9-18 Vdc External input fuse: 8000 mA, 5270 mA
See test report for details

Trademark / Brand (if any)



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

Model / Type Ref.

TEN 40-xyN, TEN 40-xyN-HS (x can be 12, 24 or 48, y can be 10, 11, 12, 13, 22 or 23);
TMR 3-xyE (x can be 05, 12, 24 or 48, y can be 10, 11, 12, 13, 21, 22 or 23)

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

200803813 issued on 2021-02-23

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, M R 3B4 Ontario, CANADA

Date: 2021-02-25

Signature:

Jan- r torgaar

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



Ref. Certif. No.

DK-107508-M1-UL

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

CB TEST CERTIFICATE

Product

DC/DC Converter

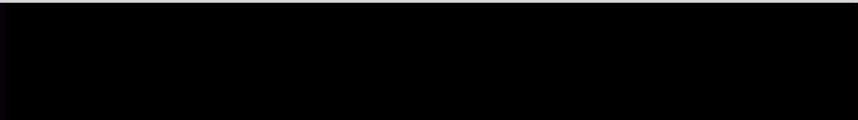
Name and address of the applicant

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

For model TMR 1-0511SM
Input: Range: 4.5–9 Vdc (External fuse rating: 500 mA), 298mA
See Test Report for details

Trademark (if any)



Customer's Testing Facility (CTF) Stage used

Model / Type Ref.

TMR 1-xy, TMR 3-xyWIE, TEN 40-xyWINz, TEN 50-xyz, TEN 40-x15Nz
 Additional Information on page 2

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

The report was revised to include technical modifications.

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

210502701 issued on 2021-06-07

This CB Test Certificate is issued by the National Certification Body



- 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, CANADA

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

Date: 2021-06-08
Original Issue Date: 2020-12-18

Signature:

Jan-Erik Storaard

Additional Model(s):

Series: TEN 50-xyz (x can be 12, 24 or 48; y can be 10, 11, 12, 13 or 15; z can be blank or -HS);
TEN 40-x15Nz (x can be 12, 24 or 48; z can be blank or -HS);
TEN 40-xyWINz (x can be 24 or 48; y can be 10, 11, 12, 13, 15, 22 or 23; z can be blank or -HS);
TMR 3-xyWIE (x can be 12, 24 or 48; y can be 10, 11, 12, 13, 21, 22 or 23);
TMR 1-xy (x can be 05, 12, 24 or 48; y can be 11, 12, 13, 21, 22 or 23);
TMR 1-xySM (x can be 05, 12, 24 or 48; y can be 11, 12, 13, 21, 22 or 23)

Additionally evaluated to:

EN 62368-1:2014/A11:2017, EN 62368-1:2014
National differences specified in the CB Test Report.

Summary of Modifications:

- Add new models TEN 40-x15Nz Series.;
- Modify description for Model Differences and Product Description.;
- Modify description for new models in Table 4.1.2 and Enclosure list.;
- Correct model designation to TEN 50-xyz.;
- Updated National Difference.

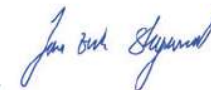
Additional information (if necessary)

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- UL (Demko), Borupvang 5A DK-2750 Ballerup, DENMARK
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Date: 2021-06-08
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Signature:



Jan-Erik Storgaard