

IEC SYSTEM FOR CONFORMITY TESTING
AND CERTIFICATION OF ELECTRICAL
EQUIPMENT (IECEE)
CB SCHEME

SYSTÈME CEI D'ESSAIS DE CONFORMITÉ
ET DE CERTIFICATION DES ÉQUIPEMENTS
ÉLECTRIQUE (IECEE)
METHODE OC

CB TEST CERTIFICATE CERTIFICAT D'ESSAI OC

Product

Produit

DC/DC Converter

Name and address of the applicant

Nom et adresse du demandeur

Traco Electronic AG
Jenatschstr. 1
CH-8002 ZUERICH

Name and address of the manufacturer

Nom et adresse du fabricant

Traco Electronic AG
Jenatschstr. 1
CH-8002 ZUERICH

Name and address of the factory

Nom et adresse de l'usine

Input Rating : 1) DC 9-18V, 2) DC 18-36V, 3) DC 48V nom.
Output Rating : 15W (refer to the test report)
Protection Class: II

Rating and principal characteristics

Valeurs nominales et caractéristiques principales

TRACO trade mark used

Trade mark (if any)

Marque de fabrication (si elle existe)

TEN 15-XY

X = 1)12, 2)24 or 3)48; Y = 10-13 or 21-23

Model/type Ref.

Ref. de type

For differences between the models, refer to the test report
Remark : Replaces JPTUV-004538 dated 31.07.2002,
due to non-technical change.

Additional information (if necessary)

Information complémentaire (si nécessaire)

PUBLICATION

EDITION

IEC 60950:1991+A1+A2+A3+A4
inclusive CENELEC Common Modifications
National differences see test report

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

*Un échantillon de ce produit a été essayé et a été
considéré conforme à la*

12002839 002

as shown in the Test Report Ref. No.

which form part of this certificate

*comme indiqué dans le Rapport d'essais numéro
de référence*

qui constitue une partie de ce certificat

This CB Test Certificate is issued by the National Certification Body

Ce Certificat d'essai OC est établi par l'Organisme National de Certification



TÜV Rheinland Japan Ltd.
3-19-5 Shin-Yokohama
222-0033 Japan

Date 08.08.2002

Signature

Dipl.-Ing. M. Lechtermann

TEST REPORT FOR AN ADDITIONAL APPROVAL

IEC 950

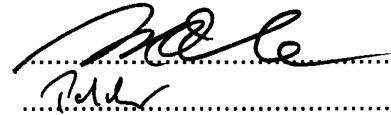
Safety of information technology equipment

Report

Reference No.....: <12002839 002>

Compiled by (+ signature): *M. Ide*

Approved by (+ signature).....: *P. Petschnig*



Date of issue: Aug. 7, 2002

Contents: 3 pages

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This report is based on a blank test report that was prepared by KEMA using information obtained from the TRF originator (see below).

Testing laboratory

Testing laboratory: TÜV Rheinland Japan Ltd., Yokohama Laboratories

Address: Festo Bldg. 5F, 1-26-10 Hayabuchi, Tsuzuki-Ku,
Yokohama 224-0025, Japan

Testing location: TÜV Rheinland Japan Ltd., Yokohama Laboratories

Client

Name.....: Traco Electronic AG

Address: Jenatschstr. 1, 8002 Zuerich, Switzerland

Test specification

Standard: IEC 60950:1991 + A1:1992 + A2:1993 + A3:1995 + A4:1996
EN 60 950:1992 + A1:1993 + A2:1993 + A3:1995 + A4:1997 + A11:1997
EMKO-TSE(74-SEC)207/94, UL 1950, C22.2 No. 950, AS 3260

Test procedure: CB-scheme

Procedure deviation: Argentina, Australia, Austria, Belgium, Brazil, Canada, China,
Denmark, Finland, France, The Czech Republic, Germany, Greece,
Hungary, India, Ireland, Israel, Italy, Japan, Rep. of Korea, The
Netherlands, Norway, Poland, Portugal, Russian Fed., Singapore,
Slovakia, Slovenia, South Africa, Spain, Sweden, Switzerland,
United Kingdom, USA

Non-standard test method: N.A.

Test Report Form/blank test report

Test Report Form No.: Cbaddapp.doc

TRF originator.....: TÜV Rheinland

Test item

Description: DC/DC Converter

Trademark.....: TRACO trade mark used.

Model and/or type reference.....: TEN 15-XY (X = 12, 24 or 48; Y = 10~13, or 21~23)

Manufacturer.....: same as applicant

Rating.....: see 001 report