



Ref. Certif. No.

DE 3 - 501446

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

SYSTEME CEI D'ACCEPTATION MUTUELLE DE CERTIFICATS D'ESSAIS DES EQUIPEMENTS ELECTRIQUES (IECEE) METHODE OC

### CB TEST CERTIFICATE CERTIFICAT D'ESSAI OC

Product

Produit

Converter

VI Brick Intermediate Bus Converter (DC-DC Converter)

Name and address of the applicant

Nom et adresse du demandeur

Vicor Corporation

25 Frontage Road

Andover MA 01810, USA

Name and address of the manufacturer

Nom et adresse du fabricant

Vicor Corporation, 25 Frontage Road, Andover MA 01810, USA

Name and address of the factory

Nom et adresse de l'usine

Vicor Inc., 400 Federal Street, Andover MA 01810, USA

Ratings and principal characteristics

Valeurs nominales et caractéristiques principales

Rated Input Voltage:

48 V DC (input)

9.6 V DC (output)

Rated Output Power:

62 A or 570 W max

Degree of Protection:

IPX0

Trade mark (if any)

Marque de fabrique (si elle existe)

VICOR

Type of Manufacturer's Testing Laboratories used

Type de programme du laboratoire d'essais constructeur

CTF Stage 3

Model/type Ref.

Ref. de type

IB048E096T48N1-00

Intermediate Bus Converter (IBC)

(See certificate attachment for nomenclature breakdown, ratings and license conditions.)

Additional information (if necessary)

Information complémentaire (si nécessaire)

Certificate DE 3 – 59960 issued 2012-11-15 is replaced by this version due to technical changes

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

IEC 60950-1(ed.2);am1;am2

as shown in the Test Report Ref. No.

which forms part of this certificate

comme indiqué dans le Rapport d'essais numéro de référence qui constitue une partie de ce certificat

72107829-000

This CB Test Certificate is issued by the National Certification Body

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

Date,

2015-08-31

CB 15 08 21433 450

William Stinson



TÜV SÜD Product Service GmbH · Certification Body · Ridlerstrasse 65 · D-80339 München

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## Attachment to Certificate CB 15 08 21433 448

VI Brick Intermediate Bus Converter Quarter brick Model Matrix: IBaaQfffGwwxy-zz

Example: IB050Q096T70N1-00

<b>IB = Constant</b>	Intermediate Bus
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<b>aaa = Nominal Input Voltage (range, may be narrowed)</b>	
048	48 Vdc (38-55)
050	48 Vdc (36-60)
054	48 Vdc (36-60)

<b>Q = Constant</b>	Quarter Brick Package
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<b>fff = Output Voltage Designator</b>	
096	9.6Vdc
120	12.0Vdc

<b>G = Product Grade</b>	
T =	-40°C to 125°C

<b>ww = Output Current / Power Designator</b>			
9.6Vdc Output		12Vdc Output	
64	64A or 650W	53	53A or 650W
70	70A or 750W	60	60A or 600W
73	73A or 710W		
80	80A or 850W		
82	82A or 810W		

<b>x = Enable / Disable Port (non-safety related) referenced to (-) In</b>	
N =	Negative bias
P =	Positive bias

<b>y = Pin Style (non-safety related)</b>
Any alphanumeric character

<b>zz = Revision / Option Designator (non-safety related)</b>
Any alphanumeric character

Test Report No: 72107826-000

Date, 2015-08-31  
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## Attachment to Certificate CB 15 08 21433 448

## Customer Special Models:

Customer Special Model Numbers	Equivalent Standard Model Numbers
IBC055Q01-zz	IB050Q096T64N1-zz
IBC060Q01-zz	IB050Q096T73N1-zz
IBC065Q01-zz	IB050Q096T80N1-zz
IBC070Q01-zz	IB050Q096T82N1-zz
IBC080Q01-zz	IB050Q096T80N1-zz

Customer special model numbers also use the zz non-safety related alphanumeric revision designator.

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