



Ref. Certif. No.

DE 3 - 501447

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	DC 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 Rated Output Voltage: 9.6 V DC Rated Output Power: 82 A or 850W Max
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	IB050Q096T70N1-00, ¼ Brick Intermediate Bus Converter (IBC) (see certificate attachment for additional model information and ratings.)
Additional information (if necessary) Information complémentaire (si nécessaire)	
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	72107826-000

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, 2015-08-21
CB 15 08 21433 448

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: IBaaaQfffGwwxy-zz

Example: IB050Q096T70N1-00

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

Q = Constant	Quarter Brick Package
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fff = Output Voltage Designator	
096	9.6Vdc
120	12.0Vdc

G = Product Grade	
T =	-40°C to 125°C

ww = Output Current / Power Designator			
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		

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

y = Pin Style (non-safety related)	
Any alphanumeric character	

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

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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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