



Ref. Certif. No.

DE 3 - 501250

IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST
CERTIFICATES FOR ELECTRICAL EQUIPMENT (IECEE)
CB SCHEMESYSTEME CEI D'ACCEPTATION MUTUELLE DE
CERTIFICATS D'ESSAIS DES EQUIPEMENTS
ELECTRIQUES (IECEE) METHODE OC**CB TEST CERTIFICATE
CERTIFICAT D'ESSAI OC**

Product

Produit

Name and address of the applicant

Nom et adresse du demandeur

Name and address of the manufacturer

Nom et adresse du fabricant

Name and address of the factory

Nom et adresse de l'usine

Ratings and principal characteristics

Valeurs nominales et caractéristiques principales

Trade mark (if any)

Marque de fabrique (si elle existe)

Type of Manufacturer's Testing Laboratories used

Type de programme du laboratoire d'essais constructeur

Model/type Ref.

Ref. de type

Additional information (if necessary)

Information complémentaire (si nécessaire)

A sample of the product was tested and found
to be in conformity withUn échantillon de ce produit a été essayé et a été
considéré conforme à la

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

DC converter

DC to DC converter

Vicor Corporation

25 Frontage Road

Andover, MA 01810, USA

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

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

Rated Input Voltage: 48 VDC

Rated Output Voltage: 12 V DC

Rated Output Wattage: 120 W max

Protection Class: I

Degree of Protection: IPX0

(see attachment for additional rating information)

VI CHIP FACTORIZED POWER

SMT

VIB0101THJ

VI Chip Half VIC Family Tree (Model: Vii01wwwxHyz)

VI Chip Half BCM2 and Half VTM2 Family Tree

(Model: AAAbbbcdddefffxzz)

(see attachment for model nomenclature)

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

72102897-000

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,

2015-03-13

CB 15 03 21433 433

William Stinson



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

Product Service

Attachment to certificate CB 15 03 21433 433

VI Chip Half VIC Family Tree Model Vii01wwxHyz

V = Constant	ii = Product Type	01 = Constant
	IB BCM	
	IV VTM	
	MV Military VTM	

ww = 00-99, defines electrical ratings, Product Type (ii) dependent				
Model	Vin Nom (range)	Vout (nom)	Iout (VTM)	Pout (BCM)
VIB0101	48 Vdc (38-55)	12.0 Vdc		120 W
VIB0102	48 Vdc (38-55)	1.2 Vdc		75 W
VIB0103	48 Vdc (38-55)	1.8 Vdc		80 W
VIB0104	48 Vdc (38-55)	3.3 Vdc		100 W
VIB0105	48 Vdc (38-55)	5.0 Vdc		100 W
VIB0106	48 Vdc (38-55)	6.0 Vdc		100 W
VIB0107	48 Vdc (38-55)	8.0 Vdc		100 W
VIB0108	48 Vdc (38-55)	9.6 Vdc		100 W
VIV0101	48 Vdc (26-55)	12 Vdc	10 A	
VIV0102	40 Vdc (26-55)	1.2 Vdc	50 A	
VIV0103	40 Vdc (26-55)	1.8 Vdc	40 A	
VIV0104	40 Vdc (26-55)	3.3 Vdc	25 A	
VIV0105	40 Vdc (26-55)	5.0 Vdc	20 A	
VIV0106	40 Vdc (26-55)	6.0 Vdc	17 A	
VIV0107	48 Vdc (26-55)	8.0 Vdc	12 A	
VIV0108	48 Vdc (26-55)	9.6 Vdc	10 A	
VMV0105	36 Vdc (26-50)	4.5 Vdc	15 A	
VMV0106	36 Vdc (26-50)	12.0 Vdc	6 A	

x =	Product Grade	Temp Range
C	Commercial	0 - 100 C
T	Telecom	-40 - 100 C
M	Military	-55 - 100 C

H = Half VIC Package Size

y =	Lead Designator
J	J-Lead
G	Gull-Wing
T	Through-Hole

z = Revision Designator, any alpha-numeric character (optional, non-safety related)

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VI Chip Half BCM2 and Half VTM2 Family Tree Model: AAAbbbccdddefffxzz

Example: BCM48BH120T120A00

AAA = BCM

BCM (Buss Converter Module) or VTM (Voltage Transformation Module) Type			
BCM	Standard version	VTM	Standard version
MBCM	Mil-COTS version	MVTM	Mil-COTS version

bbb = 48B

Input Voltage	Nominal (range)		
36B	36 Vdc (26-50)	48E	48 Vdc (26-55)
48B	48 Vdc (38-55)	48F	48 Vdc (26-48)
48C	48 Vdc (42-53)	48G	48 Vdc (26-53)
48D	48 Vdc (38-60)	48H	48 Vdc (32-55)

c = H

Package Size and Lead Designator	
H	Half VI Chip J-Lead

ddd = 120

Output Voltage Designator (can be any three digits from 010 to 120) Vout = (designator / 10), non-inclusive list of examples below			
015	1.5 Vdc	060	6.0 Vdc
020	2.0 Vdc	080	8.0 Vdc
040	4.0 Vdc	120	12.0 Vdc

e = T

Product Grade	
T	-40 to 125C
M	-55 to 125C

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VI Chip Half BCM2 and Half VTM2 Family Tree Model: AAAbbbccddefffxzz (Cont.)

Example: BCM48BH120T120A00

fff = 120

BCM Output Power Designator (can be any three digits from 025 to 120) non-inclusive list of examples below		VTM Output Current Designator (can be any three digits from 001 to 50) non-inclusive list of examples below	
025	25 W	006	6 A
050	50 W	010	10 A
075	75 W	020	20 A
080	80 W	025	25 A
100	100 W	040	40 A
120	120 W	050	50 A

x = A

Revision (non-safety related)	
x	Any alphanumeric character

zz = 00

Customer reference (non-safety related)	
zz	Any alphanumeric character

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