



Ref. Certif. No.

DE 3 - 502606

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	Converter DC-DC Converter
Name and address of the applicant	Vicor Corporation 25 Frontage Road Andover MA 01810, USA
Name and address of the manufacturer	Vicor Corporation 25 Frontage Road, Andover MA 01810, USA
Name and address of the factory	Vicor Inc. 400 Federal Street, Andover MA 01810, USA
Ratings and principal characteristics	Rated Input Voltage: 54 V DC (36-60) Rated Output Voltage: 13.5 V DC (9-15) (BCM) 10.8 V DC (7.2-12.0) (NMB) Rated Output Power: 130 A (BCM) 170 A (NBM) Degree of Protection: IPX0
Trade mark (if any)	Vicor
Customer's Testing Facility (CTF) Stage used	CTF Stage 3
Model/type Ref.	BCM3814V60E15A3T01 NBM3814V60E12A7T00 Low Voltage VIA BCM and VIA NBM (see certificate attachment for model nomenclature)
Additional information (if necessary)	Certificate DE 3 – 502522 issued 2017-08-14 is replaced by this version due to technical changes
A sample of the product was tested and found to be in conformity with	IEC 60950-1:2005 IEC 60950-1:2005/AMD1:2009 IEC 60950-1:2005/AMD2:2013
as shown in the Test Report Ref. No. which forms part of this certificate	72112870-100

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, 2017-11-02
CB 17 10 21433 555

William Stinson



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

Product Service

Attachment to Certificate CB 17 10 21433 555
**Low Voltage VIA BCM and VIA NBM
Model Matrix: AAA3814cddewwxyzz**

Example: BCM3814V60E15A3T01
NBM3814V60E12A7T00

AAA = BCM

Product Function	
BCM	Isolated Bus Converter Module
NBM	Non-isolated Bus Converter Module

3814 = Constant

Package Size (L x W)	
3814	3.8 x 1.4 in

c = V

Package Type	
V	Chassis mount
B	Board mount

dd = 60

Maximum Input Voltage (range)	
46	46 Vdc (36-46)
60	60 Vdc (36-60)

e = E

Range Ratio			
C	1.3	E	1.6

ww = 15

Maximum Output Voltage	
10	10 Vdc
12	12 Vdc
15	15 Vdc

xx = A3

Maximum Output Current			
A3	130A	A6	160A
A5	150A	A7	170A

y = T

Product Grade	
C	-20 to 100°C
T	-40 to 100°C
M	-55 to 100°C

zz = 01

Options (non-safety related)	
01	Any alphanumeric

Test Report No: 72112870-100

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