

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

CB TEST CERTIFICATE

Product	Audio/Video, Information and Communication technology equipment 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: 384Vdc (260 - 410Vdc) Rated Output Voltage: 48Vdc (32.5 - 51.3Vdc) Rated Output Current: 65 A Degree of Protection: IPX0
Trade mark (if any)	VICOR
Customer's Testing Facility (CTF) Stage used	CTF STAGE 3
Model/type Ref.	BCM6135CD1E5165Tzz Type: CM-ChiP, BCM6135 where zz = alphanumeric, denotes product functionality and revision (see model matrix)
Additional information (if necessary)	Certificate DE 3 – ITAV564 issued 2020-10-01 is replaced by this version due to technical changes
A sample of the product was tested and found to be in conformity with as shown in the Test Report Ref. No. which forms part of this certificate	IEC 62368-1:2014 72162960A-000

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This CB Test Certificate is issued by the National Certification Body

CB 021433 0611 Rev. 01

Date, 2021-08-24



(William J. Stinson)

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Product Service

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CM-ChiP BCM6135
Model Matrix: BCM6135CaaabbxxTzz

Example: BCM6135CD1E5165TC1

BCM = Constant

BCM – Bus Converter Module

6135 = Constant

Package Size (mm)	
6135	61 x 35

C = Constant

Package Type	
C	CM-ChiP

aaa = D1E

Nominal Input Voltage (Range)	
D1E	384Vdc (260 – 410)

bb = 51

Output Voltage	
51	48Vdc (32.5-51.3)

xx = 65

Output Current	
65	65A

T = Constant

Temperature Grade (Internal operating temperature range)	
T	-40 to 125°C
Controlled by maintaining case temperature per thermal curves	

zz = C1

Defines Customer Options/Functionality and Revision	
C1	Standard Model, Revision 1
C2	Standard Model, Revision 2



(William J. Stinson)