

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

	<b>DCM3717</b>	<b>DCM3110</b>
<b>Input Voltage</b>	54 V DC (40-60)	54 V DC (40-60)
<b>Output Voltage</b>	13.5 VDC (max)	1.52 V DC (max)
<b>Output Power</b>	750 W	182 W (max)
<b>Output Current</b>	62.5 A max	120 A max

Trade mark (if any) VICOR

Customer's Testing Facility (CTF) Stage used CTF STAGE 3

Model/type Ref. **DCM3717S60E14G5TN0**  
**DCM3110S60E02A3TN0**  
Type: SM-DCM (non-isolating)

Additional information (if necessary) Certificate DE 3 – ITAV393 issued 2020-04-27 is replaced by this version due to technical changes

A sample of the product was tested and found to be in conformity with IEC 62368-1:2014  
as shown in the Test Report Ref. No. 72157875-100  
which forms part of this certificate

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This CB Test Certificate is issued by the National Certification Body

CB 021433 0605 Rev. 01  
Date, 2020-11-18



( William J. Stinson )

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**SM DCM Model Matrix:** DCMaaaaScccwwxyNz  
 Example: DCM3717S60E14G5TN0 or DCM3110S60E02A3TN0

DCM = Constant

Product Type	
DCM	DC-DC Converter Module

aaaa = 3717

Package Size (mm)	
<b>3110</b>	<b>31 x 10</b>
3717	37 x 17

S = Constant

Lead Designator	
S	SMD

ccc = 60E

Input Voltage (Vdc)			
	Max	Range	Nominal
60E	60	40-60	54

ww = 14

Output Voltage (Vdc)		
	Nominal	range
<b>02</b>	<b>1.2</b>	<b>0.8 - 1.52</b>
14	12.0	10.0 - 13.5
Nominal Trim range = +10% / -15%		

xx = G5

Output Power / Current	
<b>A3</b>	<b>120A</b>
G5	750W
<b>120A max for 3110 package size</b>	
<b>750W max for 3717 package size</b>	

y = T

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

N = Constant

Functionality	
N	Non-isolated

z = 0

Options (non-safety related), Any alphanumeric
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