



Ref. Certif. No.

DE 3 - 502747

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	Model:DCM3714VD2H26F0T01 Rated Input Voltage: 420 V DC max Rated Output Voltage: 53 V DC max Rated Output Power: 600 W max
Trade mark (if any)	VICOR
Customer's Testing Facility (CTF) Stage used	CTF Stage 3
Model/type Ref.	High Voltage VIA DCM Model: DCM3714cddewwxyzz (see attachment for model nomenclature and rating information)
Additional information (if necessary)	Certificate DE 3 – 502549 issued 2017-09-06 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	72106113-300

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, 2018-01-23
CB 18 01 21433 563

William Stinson



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

Product Service

Attachment to Certificate CB 18 01 21433 563
High Voltage VIA DCM Model Number Matrix: DCM3714cddewwxyzz

Example: DCM3714VD2H26F0T01

DCM = Constant

Product Function	
DCM	DC-DC Converter Module

3714 = Constant

Package Designator	
3714	3.7 x 1.4 inches

c = V

Package Type	
V	Chassis mount
B	Board mount

dd = D2

Maximum Input Voltage = 1 st character + 2 nd character (see table below, not to exceed 420V)							
1 st character		2 nd character					
A	100V	0	0 V	4	40 V	8	80 V
B	200V	1	10 V	5	50 V	9	90 V
C	300V	2	20 V	6	60 V		
D	400V	3	30 V	7	70 V		
Examples: D2 = 420V (400V+20V), C0 = 300V (300V+0V), B9 = 290V (200V+90V), B7 = 270V (200V+70V)							

e = H

Range Ratio (Vin high / Vin low, defines low line)							
A	1.10	G	1.95	N	3.45	U	6.12
B	1.21	H	2.14	P	3.80	V	6.73
C	1.33	J	2.36	Q	4.18	W	7.40
D	1.46	K	2.59	R	4.60	X	8.14
E	1.61	L	2.85	S	5.05	Y	8.95
F	1.77	M	3.14	T	5.60	Z	9.85

ww = 26

Maximum Output Voltage (any 2 digits up to 60), non-inclusive list of examples	
06	6Vdc (5V nominal +10% trim)
13	13Vdc (12V nominal +10% trim)
17	17Vdc (15V nominal +10% trim)
26	26Vdc (24V nominal +10% trim)
31	31Vdc (28V nominal +10% trim)
53	53Vdc (48V nominal +10% trim)

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High Voltage VIA DCM (cont)

Model Number Matrix: DCM3714cddewwxyzz

xx = F0

Maximum Output Power = 1st character + 2nd character
(see table below, not to exceed 600W)

1 st character		2 nd character			
A	100 W	0	0 W	5	50 W
B	200 W	1	10 W	6	60 W
C	300 W	2	20 W	7	70 W
D	400 W	3	30 W	8	80 W
E	500 W	4	40 W	9	90 W
F	600 W				

Examples: F0 = 600W (600W+0W), E0 = 500W (500W+0W),
D7 = 470W (400W+70W), C5 = 350W (300W+50W)

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

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