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America

CERTIFICATE

No. U8V 16 01 21433 475

Holder of Certificate: **Vicor Corporation**
25 Frontage Road
Andover MA 01810
USA

Production Facility(ies): 67768

Certification Mark:

Product:
Power supply
AC Input Power Supply Module

Model(s):
VIA AIM Model: AIM1714VB6MC7D5T00
(see certificate attachment for model & rating information and license conditions)

Parameters:

Rated Input Voltage:	87-264 V AC
Rated Output Voltage:	120-370 Vpk
Rated Output Power:	450W Max

Tested according to:
CAN/CSA C22.2 No.60950-1:2007/A1:2011
UL 60950-1:2007/R:2011-12
EN 60950-1:2006/A2:2013

The product was voluntarily tested according to the relevant safety requirements noted above. It can be marked with the certification mark above. The mark must not be altered in anyway. This product certification system operated by TÜV SÜD America Inc. most closely resembles system 3 as defined in ISO/IEC Guide 67. Certification is based on the TÜV SÜD "Testing and Certification Regulations". TÜV SÜD America Inc. is an OSHA recognized NRTL and a Standards Council of Canada accredited certification body.

Test report no.: 72103425-000

Date, 2016-01-15

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America

Attachment to Certificate U8V 16 01 21433 475

VIA AIM Model Matrix: AAAbbbbcddewwxxyzz
Example: **AIM1714VB6MC7D5T00**

AAA = AIM

Product Type	
AIM	Single Phase AC Input Module

bbbb = 1714

Package Size Designator (in.)	
1714	1.7 x 1.4

c = V

Package Type	
V	Chassis mount
B	Board mount

dd = B6

Input Voltage Range	
B6	87-264Vac, 50/60Hz

e = M

Range Ratio (Vin high / Vin low)	
M	3.1

ww = C7

Output Voltage Range	
C7	120-375Vpk

xx = D5

Maximum Output Power	
D5	450W

Y = T

Product Grade	
E	0 to 100°C
C	-20 to 100°C
T	-40 to 100°C
M	-55 to 100°C

zz = 00

Customer Options (non-safety related, any alpha-numeric combination)	
00	No options

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License Conditions:

The VIA AIM series of AC front end modules are designed for building-in.

Conditions of Acceptability – When installed in the end use equipment, the following are among considerations to be made:

1. The VIA AIM was evaluated with an external fuse, Littelfuse 216 series rated 8A.
2. The VIA AIM is designed to be used with an external VDR for transient surge protection. Annex Q compliant Littelfuse TMOV connected from L1 to L2.
3. See de-rating curve for maximum output power versus case temperature.

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