



America

CERTIFICATE

No. U8V 11 02 21433 273

Holder of Certificate: Vicor Corporation

25 Frontage Road
Andover, MA 01810
USA

Production Facility(ies): 67768

Certification Mark:



Product: AC-DC and DC-DC converters

Model(s): VI-AIM-C1
(See certificate attachment for additional model and rating information.)

Parameters:

Rated Input Voltage:	85-264 V AC
Rated Frequency:	47-63 Hz
Rated Input Current:	12 A max.
Rated Output Voltage:	100-400 V DC
Rated Output Power:	250 W
Protection Class:	I
Degree of Protection:	IPX0

Tested according to: CAN/CSA-C22.2 No. 60950-1:2007
UL 60950-1:2007
EN 60950-1/A11:2009

The product was voluntarily tested according to the relevant safety requirements and mentioned properties. It can be marked with the certification mark shown above. The certification mark must not be altered in any way. This product certification system operated by TÜV SÜD America Inc. most closely resembles that described by ISO/IEC Guide 67, Conformity assessment - Fundamentals of product certification, System 3. See also notes overleaf.

Test report no.: 090-304864-000

Date, 2011-02-17

Page 1 of 3



Attachment to Certificate U8V 11 02 21433 273



America

Vicor Corporation
 25 Frontage Road
 Andover, MA 01810

VI-IAM / VI-AIM Model Number: VI-Abc-de-xx

VI = Product Designator	
VI = Standard Product	VE = RoHS Compliant

A = Constant

bc = Input Voltage (range)
11 = 24Vdc (21-32)
WW = 24Vdc (18-36)
33 = 48Vdc (42-60)
NN = 48Vdc (36-76)
66 = 300Vdc (200-400)
IM = 85-264Vac

d = Product Grade	
C = -25 to +100	I = -40 to +100
E = -10 to +100	M = -55 to +100

e = Output Power	
U = 200W	
1 = 250W	
Q = 400W	

xx = Customer special designation (optional, non-safety related)

Model numbers:

Model	Product Type	Input Voltage	Output power	Fuse
VI-A11-CU	IAM	24 Vdc	200W	AGC-20A / 32V
VI-AWW-CU	IAM	24 Vdc	200W	AGC-20A /36V
VI-A33-CQ	IAM	48 Vdc	400W	3AB-20A / 60V
VI-ANN-CQ	IAM	48 Vdc	400W	3AB-20A / 80V
VI-A66-CQ	IAM	300 Vdc	400W	Buss PC-Tron 5A/250V
VI-AIM-C1	AIM	85-264Vac	250W	Buss GDB-6.3A / 250V Buss GDB-7A / 250V Littlefuse 7A 314 series

Test Report No: 090-304864-000

Date, 2011-02-17
 U8V 11 02 28002 273

Attachment to Certificate U8V 11 02 21433 273

Vicor Corporation
25 Frontage Road
Andover, MA 01810



America

License Conditions:

1. The maximum baseplate temperature is 100°C
2. The AIM and IAM are non-isolating devices from Input to Output
3. Basic insulation provided from Input/Output to baseplate rated 1500Vrms / 2121Vdc
4. The modules were evaluated with an external fuse

Test Report No: 090-304864-000

Date, 2011-02-17
U8V 11 02 28002 273

