



America

CERTIFICATE

No. U8V 17 11 21433 557

Holder of Certificate: Vicor Corporation

25 Frontage Road
Andover MA 01810
USA

Production Facility(ies):

67768

Certification Mark:



C US

Product:

AC-DC and DC-DC converters
AC-DC Front End Module / Input Attenuator Module

Model(s):

VI-AIM-C1
(see certificate attachment for additional model and rating information.)

Parameters:

Rated Input Voltage:	85-264 V AC
Rated Frequency:	47-440 Hz
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/A2:2014
UL 60950-1:2007/A2:2014
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 any way. This product certification system operated by TÜV SÜD America Inc. most closely resembles system 3 as defined in ISO/IEC 17067. 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.:

72131877-000

Date, 2017-11-22

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VI-AIM and VI-IAM model matrix: VI-Abc-de-xx

VI = Constant, product type	
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 47-440Hz

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

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

xx = Customer special designation (optional, non-safety related) non-inclusive list	
F1-F6 =	Heatsink options
S =	Slim baseplate

Fuse Table and example model numbers:				
Model	Product Type	Input Voltage	Output power	Fuse Table
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 314, 7A

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License Conditions:

Special Considerations – The following items are considerations that were used when evaluating these products. The VI-AIM and VI-IAM series of AC-DC power supplies and input attenuator's are designed for building-in.

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, see fuse table

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