



Product Service

CERTIFICATE

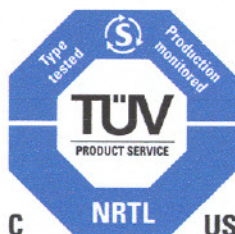
No. U8V 06 07 21433 111

Holder of Certificate: **Vicor Corporation**

25 Frontage Road
Andover, MA 01810
USA

Production Facility(ies): 21433

Certification Mark:



Product: **AC-DC and DC-DC converters**

Model(s): **VI-ARM-CU11-XX**
See attachment for additional model numbers and ratings.

Parameters:

Rated Input Voltage:	90-264 V AC
Rated Frequency:	47-63 Hz
Rated Input Current:	12 A max.
Rated Output Voltage:	100-400 V DC
Rated Output Power:	200 W
Protection Class:	I

Tested according to: CAN/CSA-C22.2 No. 60950-1:2001
UL 60950-1:2003
EN 60950-1:2001

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. See also notes overleaf.

Test report no.: DI304864-101

Date, 2006-07-13

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Attachment to CUE Certificate Number U8V 06 07 21433 111

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**VI-IAM / VI-AIM / IAM / FIAM / FiltMOD / M-FIAM5 / VI-ARM / FARM Family Tree
VI-Aaabc-defg-xx**

VI = Product Type (Vicor); IP (Vicor Japan)

Note:

VI-IAM model Designation – **VI-Aaa-de-xx**, (aabc-defg-xx is replaced by **aa-de-xx**)

VI-AIM model Designation – **VI-Abc-df-xx**, (aabc-defg-xx is replaced by **bc-df-xx**)

IAM model Designation – **IAMaaedfg**, (VI-A is replaced with **IAM**, and aabc-defg-xx is replaced by **aaedfg**)

FIAM, 48V model Designation – **FIAMeedgf**,
(VI-A is replaced with **FIAM**, and aabc-defg-xx is replaced by **aaedfg**)

FiltMOD model Designation – **FMaaedfg**,
(VI-A is replaced with **FM**, and aabc-defg-xx is replaced by **aaedfg**)

M-FIAM5, 28V model Designation – **M-FIAM5eedgf**,
(VI-A is replaced with **M-FIAM5**, and aabc-defg-xx is replaced by **aaedfg**)

VI-ARM model Designation – **VI-Abc-dfg-xx**, (aabc-defg-xx is replaced by **bc-dfg-xx**)

FARM model Designation – **FARMbdgf**, (VI-A is replaced with **FARM**, and aabc-defg-xx is replaced by **bdgf**)

Glen M. L...

7/13/06



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aa Denotes a Input configuration for the VI-IAM, FiltMOD, IAM, FIAM, M-FIAM5. The Input Configuration maybe replaced by "aaa" for inputs greater than 48Vdc

- = 11 24Vdc Nominal @ 200Wmax VI-IAM
- = WW 24Vdc Nominal @ 200Wmax VI-IAM
- = 33 48Vdc Nominal @ 400Wmax VI-IAM
- = NN 48Vdc Nominal @ 400Wmax VI-IAM
- = 66 300Vdc Nominal @ 400Wmax VI-IAM
- = 48 48Vdc Nominal @ 20A max, IAM; 48Vdc Nominal @12A max FiltMOD

b Denotes Input configuration for the VI-AIM, VI-ARM, FARM

- = I 85-264 Vac In 100-400Vdc Out @ 250Wmax VI-AIM
- = R 90-264 Vac In 100-400Vdc Out @ 1500Wmax VI-ARM
- = 1 90-264 Vac In 100-400Vdc Out @ 500/750Wmax FARM
- = 2 90-264 Vac In 100-400Vdc Out @ 750/1000Wmax FARM
- = 3 90-264 Vac in 100-400Vdc Out @ 500/600Wmax FARM

c Denotes Input configuration for the VI-AIM, VI-ARM = M

e Denotes Module Output. The Output Configuration maybe replaced by "ee".

- = U 200 Watts VI-IAM = 1010 Amps IAM
- = Q 400 Watts VI-IAM = 8 8 Amps FiltMOD
- = 20 20 Amps IAM = 1 10 Amps FIAM
- = 12 12 Amps FiltMOD = 2 20 Amps FIAM

d Denotes Product Grade

- = C Commercial -20°C to 100°C 47-63Hz
- = I or T Industrial -40°C to 100°C 47-440Hz
- = M or H Military -55°C to 100°C
- wiring harness)
- = E Economy 0°C to 100°C 47-63Hz

x Denotes Module Specials

- =F1-F4 (FinMOD, Heatsink assembly)
- =S (SlimMOD, Flangeless Package)
- 47-440Hz =B1(BusMOD, Screw / lug
- =0-99 (Non Safety Related Changes)

f Denotes Vicor Assigned Baseplate configuration codes

= 1 Slotted, 2 Threaded, 3 Thru-hole

g Denotes Vicor Assigned Pin options

= 1 Short, 2 Long

License Conditions:

- FARM1 requires a 10A Bussmann ABC-10 or a 10A Wickmann 194 Series fuse.
- FARM2 requires a 15A Bussmann ABC-15 or a 16A Wickmann 194 Series fuse.
- FARM3 requires a 10A Bussmann ABC-10 or a 10A Wickmann 194 Series fuse.

Glen M. [Signature]
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