



Ref. Certif. No.

DE 3 - 501920

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
Produit

Information Technology Equipment
AC-DC Converter

Name and address of the applicant
Nom et adresse du demandeur

Vicor Corporation
25 Frontage Road
Andover MA 01810, USA

Name and address of the manufacturer
Nom et adresse du fabricant

Vicor Corporation
25 Frontage Road, Andover MA 01810, USA

Name and address of the factory
Nom et adresse de l'usine

Vicor Inc.
400 Federal Street, Andover MA 01810, USA

Ratings and principal characteristics
Valeurs nominales et caractéristiques principales

Rated Input Voltage: 115/230 V AC
Rated Frequency: 50-800 Hz
Rated Input Current: 20 A max.
Rated Output Voltage: 300 V DC max.
Rated Output Power: 1500 W
Protection Class: I

Trade mark (if any)
Marque de fabrication (si elle existe)

VICOR

Type of Manufacturer's Testing Laboratories used
Type de programme du laboratoire d'essais constructeur

CTF Stage 3

Model/type Ref.
Ref. de type

VI-ARM and FARM Series
(see attachment for additional model numbers and ratings)

Additional information (if necessary)
Information complémentaire (si nécessaire)

Certificate DE 3 – 500769 issued 2014-03-31 is replaced by this version due to technical changes

A sample of the product was tested and found to be in conformity with
Un échantillon de ce produit a été essayé et a été considéré conforme à la

IEC 60950-1(ed.2);am1;am2

as shown in the Test Report Ref. No.
which forms part of this certificate
comme indiqué dans le Rapport d'essais numéro de référence qui constitue une partie de ce certificat

72117055-000

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, 2016-06-15
CB 16 06 21433 482

William Stinson



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

Product Service

Attachment to Certificate CB 16 06 21433 482

VI-ARM and FARM series

Model Matrix

$V_{in} = 115 / 230 \text{ Vac (90-132/180-264), 50-800Hz (47-880), 20A Max}$
 $V_{out} = 300 \text{ Vdc (180-375)}$

VI-ARMw-xyzz-aa

VI-ARM = Vicor - Autoranging Rectifier Module, constant

w = B (Optional, non-safety related)

x = Product Grade

C = -20 to +100°C	H = -40 to +100°C	E = -10 to +100°C
T = -40 to +100°C	M = -55 to +100°C	

y = Product Type (Output Power Level)

1 = 500 W / 750 W 2 = 750 W / 1500 W

zz = Pin Style, RoHS and Baseplate Designator

(any alphanumeric combination, non-safety related)

aa = Customer Special Designator

(any alphanumeric combination, non-safety related)

FARMwxvz-aa

FARM = Filter Autoranging Rectifier Module, constant

w = Product Type (Output Power Level)

1 = 500 W / 750 W
 2 = 750 W / 1000 W
 3 = 500 W / 600 W

x = Product Grade

C = -20 to +100°C	H = -40 to +100°C	E = -10 to +100°C
T = -40 to +100°C	M = -55 to +100°C	

yz = Pin Style, RoHS and Baseplate Designator

(any alphanumeric combination, non-safety related)

aa = Customer Special Designator

(any alphanumeric combination, non-safety related)

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License Conditions:

1. The baseplate temperature of all VI-ARM and FARM modules is limited to 100°C.
2. FARMs may require an external resistor to comply with the Capacitor Discharge test.
3. The FARM1, FARM3, and VI-ARMw-x1 require an external 10A Fuse.
4. The FARM2 and VI-ARMw-x2 require an external 15A fuse.
5. Customer Specific application. The VI-ARMw-x2 has been evaluated for use at 1000 W with a 20A input fuse when restricted to 115V applications (90-132).
6. 10A Fuse = Bussmann ABC-10 or a 10A Wickmann 194 / Littelfuse 216 Series.
7. 15A Fuse = Bussmann ABC-15, 20A Fuse = Bussmann ABC-20 (Condition 5 only)
8. The FARM is designed for building-in. Operation above 63 Hz may result in high touch current to be evaluated in end use product.

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