



Ref. Certif. No.

DE 3 - 502286

IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST
CERTIFICATES FOR ELECTRICAL EQUIPMENT (IECEE)
CB SCHEMESYSTEME CEI D'ACCEPTATION MUTUELLE DE
CERTIFICATS D'ESSAIS DES EQUIPEMENTS
ELECTRIQUES (IECEE) METHODE OC**CB TEST CERTIFICATE**
CERTIFICAT D'ESSAI OCProduct
ProduitPower supply
AC to DC and DC to DC Power SuppliesName and address of the applicant
Nom et adresse du demandeurVicor Corporation
25 Frontage Road
Andover MA 01810, USAName and address of the manufacturer
Nom et adresse du fabricantVicor Corporation
25 Frontage Road, Andover MA 01810, USAName and address of the factory
Nom et adresse de l'usineVicor Inc.
400 Federal Street, Andover MA 01810, USARatings and principal characteristics
Valeurs nominales et caractéristiques principalesRated Input Voltage: 85-264 V AC or 120-373 V DC
Rated Frequency: 47-63 Hz
Rated Input Current: 8 A
Rated Output Power: 675 W Max.
Protection Class: I
Degree of Protection: IPX0Trade mark (if any)
Marque de fabrique (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 typeVI-HAM, VI-BAM, VI-HAMD, VI-BAMD
(see attachment for nomenclature breakdown)Additional information (if necessary)
Information complémentaire (si nécessaire)Certificate DE 3 – 500185 issued 2013-03-06 is replaced by this
version due to technical changesA 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 laIEC 60950-1:2005
IEC 60950-1:2005/AMD1:2009
IEC 60950-1:2005/AMD2:2013as 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

72116685-000

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, 2017-02-23
CB 17 02 21433 509

William Stinson



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

Product Service

Attachment to Certificate CB 17 02 21433 509

VI-HAM model number matrix: VI-aAMb-de-xx
 Example: VI-HAM-CL

VI = Product Type
 VI = Standard
 VE = RoHS Compliant
 MI = MIL-COTS

a = Module Type
 H = Drive Module (master)
 B = Boost Module (slave)

b = Input Ratings
 D = 120-373 Vdc, 8 A
 Blank = 85-264 Vac, 47-63 Hz, 8 A Max

d = Product Grade
 C = Commercial -20°C to 85°C
 I = Industrial -40°C to 85°C
 M = MIL COTS -55°C to 85°C
 E = Economy 0°C to 85°C

e = Output Ratings
 M = 600 W, 250-400 Vdc
 L = 675 W, 275-425 Vdc

xx = Customer Options (non-safety related)
 xx = any alphanumeric combination or blanks

Conditions of Acceptability:

1. The VI-HAM family of products is designed for building-in.
2. The characters 'de' may be replaced by 00-99 for customer specials.
3. The maximum baseplate temperature is 85°C and should be measured in end use application.
4. Each module requires a 10A fuse, Littelfuse 216 Series or a UL Listed fuse.
5. An SOC type HT 6.3 A fuse is acceptable for reduced power applications.
6. The VI-HAM family of products is non-isolating.
7. Basic Insulation is provided between Input/Output and Baseplate.
8. The output power of the 'M' version is derated linearly 8 W/V from 600 Wout at 110 Vin to 400 Wout at 85 Vin.
9. The output power of the 'L' version is derated linearly 11 W/V from 675 Wout at 110 Vin to 450 Wout at 85 Vin.

Test Report No: 72116685-000

Date, 2017-02-23
 CB 17 02 21433 509




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

Product Service