



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

DC/DC-Converter for building in

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
Nome et adresse de l'usine

Vicor Corporation
400 Federal Street, ANDOVER MA 01810, USA
25 Frontage Road, ANDOVER MA 01810, USA

Ratings and principal characteristics
Valeurs nominales et caractéristiques principales

see page 2 and 3 (Modeldesignation)

Trademark (if any)
Marque de fabrique (si elle existe)

VICOR

Model / Type Ref.
Ref. De type

VI-abc-de-xx, VI-abcddd-efff-xx
(Modeldesignation see page 2 and 3)

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

class I, TMP

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 PUBLICATION 60950 EDITION 3:1999
+ corr. 2000 modif.

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 partie de ce Certificat

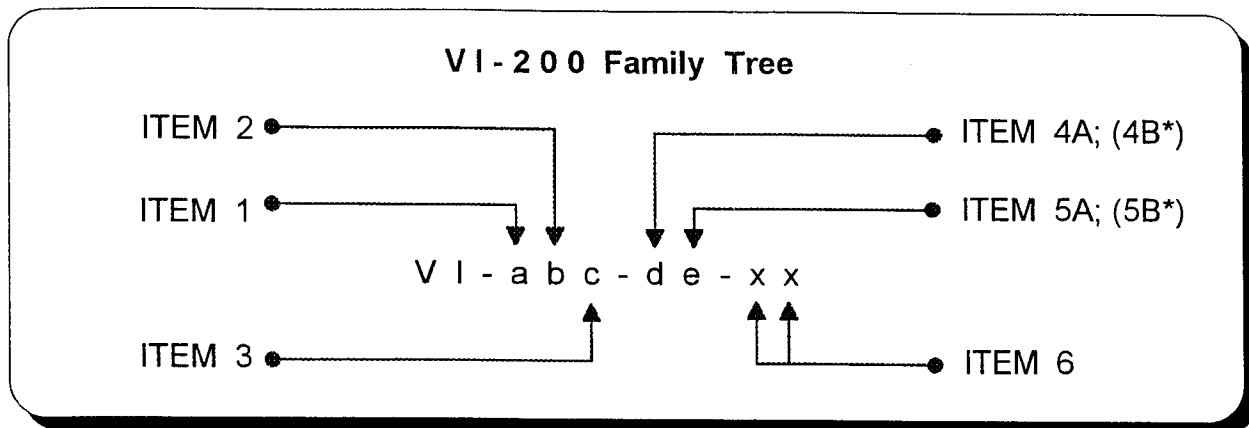
DE 1 - 19503 by VDE Institute
1623700-3336-0001

This CB Test Certificate is issued by the National Certification Body
Ce Certificat d'essai OC est établi par l'Organisme **National de Certification**

VDE VERBAND DER ELEKTROTECHNIK
ELEKTRONIK INFORMATIONSTECHNIK e.V.
VDE Prüf- und Zertifizierungsinstitut
VDE Testing and Certification Institute
Zertifizierungsstelle / Certification

Date:
17.12.2002

Signature:



Item 1. Module Type

- 2 = Drive Module (master)
- B = Boost Module (slave / without OVP circuitry)

Item 2. Input Voltage (Vdc)

Nominal	Range		Max(A)	Max (W)
0 = 12	10-20	@	9.4A	75W
1 = 24	21-32	@	8.9A	150W
W = 24	18-36	@	10.4A	150W
2 = 36	21-56	@	6A	100W
3 = 48	42-60	@	6A	200W
N = 48	36-76	@	5.2A	150W
4 = 72	55-100	@	4.5A	200W
F = 125	130-260	@	2.5A	200W
5 = 150	100-200	@	1.9A	200W
6 = 300	200-400	@	1.3A	200W
7 = 225	100-300	@	1.3A	100W

Item 3.

Output Voltage (Vdc)

Nominal		Max(A)	Max (W)
Z = 2	@	37.5A	75W
Y = 3.3	@	30.3A	100W
0 = 5	@	40A	200W
X = 5.2	@	28.8A	150W
W = 5.5	@	27.3A	150W
V = 5.8	@	25.9A	150W
T = 6.5	@	23.1A	150W
R = 7.5	@	26.7A	200W
M = 10	@	20A	200W
1 = 12	@	16.7A	200W
P = 13.8	@	14.5A	200W
2 = 15	@	13.3A	200W
N = 18.5	@	10.8A	200W
3 = 24	@	8.3A	200W
L = 28	@	7.1A	200W
J = 36	@	5.6A	200W
K = 40	@	5A	200W
4 = 48	@	4.2A	200W
H = 52	@	3.8A	200W
F = 72	@	2.8A	200W
D = 85	@	2.4A	200W
B = 95	@	2.1A	200W

Item 4A. Product Grade

- C = Commerical -20C to 85C
- I = Industrial -40C to 85C
- M = Military -55C to 85C
- E = Economy 0C to 85C

Item 5A. Output Power (Watts)

- Z = 25
- Y = 50
- X = 75
- W = 100
- V = 150
- U = 200

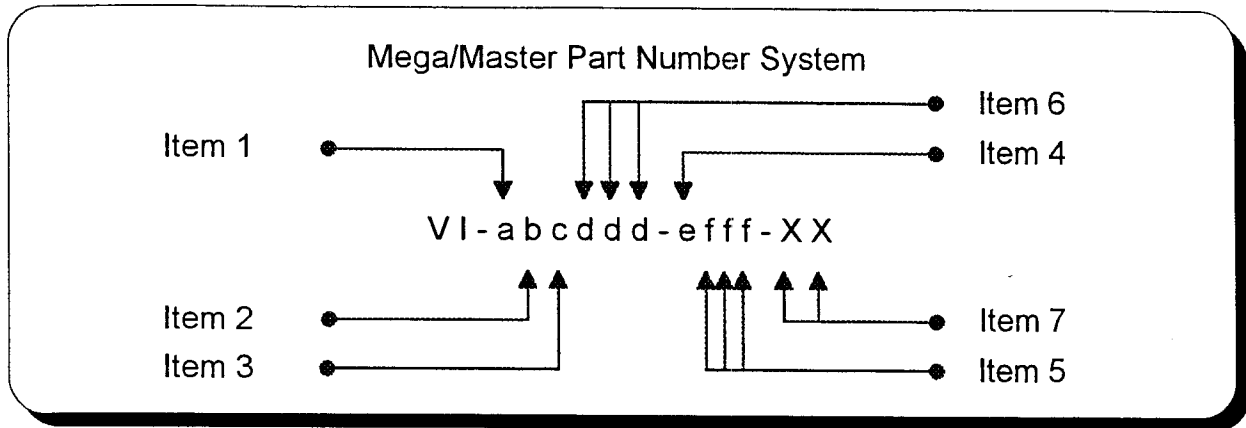
*Items 4B,

5B. Specials

00-99 = Non-safety, secondary component changes. When selected, items 4A, 5A, and 6 are not used.

Item 6. Options

- F1-F4 = FinMOD (Heatsink assembly)
- TM = TachoMOD (Non-safety, secondary component changes)
- S = SlimMOD (Flangeless package)
- B1 = BusMOD (screw / lug wiring interface)
- 00-99 = Denotes unique labels or testing per customer request.



Item 1. Module Type

- L = 1 UP Single (1 module, 1 output, Max 200W)
- M = 2 UP Single (2 modules, 1 output, Max 400W)
- N = 3 UP Single (3 modules, 1 output, Max 600W)
- P = 2 UP Dual (2 modules, 2 output, Max 400W)
- Q = 3 UP Dual (3 modules, 2 output, Max 600W)
- R = 3 UP Triple (3 modules, 3 output, Max 600W)

Item 2. Booster Option

- B = Booster

Item 3. Input Voltage (Vdc)

Nominal	Range		Max(A)	Max (W)
0 = 12	10-20	@	9.4A	75W
1 = 24	21-32	@	8.9A	150W
W = 24	18-36	@	10.4A	150W
2 = 36	21-56	@	6A	100W
3 = 48	42-60	@	6A	200W
N = 48	36-76	@	5.2A	150W
4 = 72	55-100	@	4.5A	200W
F = 125	130-260	@	2.5A	200W
5 = 150	100-200	@	1.9A	200W
6 = 300	200-400	@	1.3A	200W
7 = 225	100-300	@	1.3A	100W

Item 6.

Output Voltage (Vdc)

Nominal		Max(A)	Max (W)
Z = 2	@	40A	80W
Y = 3.3	@	40A	132W
0 = 5	@	40A	200W
X = 5.2	@	38.5A	200W
W = 5.5	@	36.4A	200W
V = 5.8	@	34.5A	200W
T = 6.5	@	30.8A	200W
R = 7.5	@	26.6A	200W
M = 10	@	20A	200W
1 = 12	@	16.7A	200W
P = 13.8	@	14.5A	200W
2 = 15	@	13.3A	200W
N = 18.5	@	10.8A	200W
3 = 24	@	8.3A	200W
L = 28	@	7.1A	200W
J = 36	@	5.6A	200W
K = 40	@	5A	200W
4 = 48	@	4.2A	200W
H = 52	@	3.8A	200W
F = 72	@	2.8A	200W
D = 85	@	2.4A	200W
B = 95	@	2.1A	200W

Item 4.

Product Grade

- C = Commerical -20C to 85C
- I = Industrial -40C to 85C
- M = Military -55C to 85C
- E = Economy 0C to 85C

Item 5.

Output Power (Watts)

- Y = 50
- X = 75
- W = 100
- V = 150
- U = 200
- S = 300
- Q = 400
- P = 450
- M = 600

Item 7.

Specials

- 00-99 = Non-safety, secondary component changes.