



Ref. Certif. No.

DE 3 - 52053M1

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 converter
DC Converter

Name and address of the applicant
Nom et adresse du demandeur

SynQor Inc.
155 Swanson Road
Boxborough, MA 01719-1316, USA

Name and address of the manufacturer
Nom et adresse du fabricant

SynQor Inc., 155 Swanson Road, Boxborough, MA 01719-1316,
USA

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

SynQor Inc., 155 Swanson Road, Boxborough, MA 01719-1316,
USA

Rating and principal characteristics
Valeurs nominales et caractéristiques principales

Rated Input Voltage: 3.0-3.6 V DC
Rated Output Voltage: 2.5 V DC
Rated Output Current: 20 A Max

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

SynQor

Model/type Ref.
Ref. de type

NQ03025HMA20XXX
See attachment for additional model information.

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

TMP Procedure

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 60950-1:2001

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

TÜV SÜD Product Service
090-303504-100

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, 2007-03-19
CB 07 02 34962 027

Joseph Janeliunas

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



Product Service

Attachment to CB Certificate Number 07 02 34962 027

Company: SynQor Inc.
 188 Central Street
 Hudson, MA 01749

Typical Model Designation: NQ 03 025 H M A 20 XXX X
 I II III IV V VI VII VIII IX

I - Model Series: NQ = NiQor, Non-Isolated, single-output
 (listed values only)

Nominal
 II - Input Voltage: 03 = 3.0-3.6 V
 (listed values only) 04 = 3.0-5.5 V
 05 = 4.5-5.5 V
 10 = 10.2-13.2 V
 12 = 9.6-14.4 V
 16 = 6.0-16.0 V

Nominal
 III - Output Voltage: All values up to 050 = 5.0 VDC maximum (single output)
 W50-0.7-5.0 V

IV - Package size : V - Vertical
 (listed values only) H - Horizontal
 S - Surface Mt- 0.53 x 1.3"
 N - Surface Mt w/o trim - 0.53 x 1.3"
 P - SMT-SPA, 0.4" x 0.9"
 Q - SMT w/trim-SPA, 0.4" x 0.9"

V - Performance : M - Mega
 (listed values only) G - Giga
 K - Kilo

VI - Heat Spreader : A - Open Frame
 (listed are examples only) B - Base plate


VII - Rated output current : 20 A max. 0-3.3 V DC
 16 A max. 3.3-5.0 V DC

VIII - Options Suffix: Suffix letters and/or numbers denoting non-safety-critical options such
 as, but not limited to, positive or negative logic, pin configuration, etc.

IX - Option Suffix G - Rohs

Note:
 Maximum rated output power for Mega and Kilo series is 80 Watts.

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188 Central Street
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License Conditions:

1. All secondary output circuits are SELV and are not hazardous energy levels.
2. All models are intended to be supplied from an isolated secondary circuit.
3. Abnormal and Component Failure Tests for model NQ03025VMA15SRS was conducted with the power supply input protected by a 3AG, rated F125 V dc, 20 A. If a fuse greater than 20 A is used, additional testing may be required.
4. Model NQ03025VMA15SRS was tested with 300 LFM airflow

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Joseph Jancinovic



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