



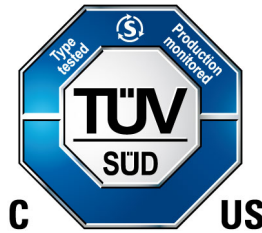
America

CERTIFICATE

No. U10 034962 0346 Rev. 00

Holder of Certificate: **SynQor Inc.**
155 Swanson Road
Boxborough MA 01719-1316
USA

Certification Mark:



Product: Audio/Video, Information and Communication technology equipment
DC to DC Bus converter

Tested according to: CSA C22.2 No. 62368-1:2019
UL 62368-1:2019

This product was voluntarily tested to the relevant safety requirements referenced on this certificate. It can be marked with the certification mark above. The mark must not be altered in any way. The certificate holder shall not transfer this certificate to third parties. This product certification system operated by TÜV SÜD America Inc. most closely resembles system 3 as defined in ISO/IEC 17067. Certification is based on the TÜV SÜD "Testing and Certification Regulations". For Canadian standards TÜV SÜD America Inc. is accredited by the Standards Council of Canada to ISO/IEC 17065.

Test report no.: 72178153-000

Date, 2023-10-10

(William J. Stinson)



America

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Model(s): MCOTS-B-385-270-HT;
MCOTS-B-270L-270-HT

Brand Name(s): SynQor

Parameters:

Rated Input Voltage:	230-400 VDC or 230-310 VDC
Rated Input Current:	4.85 A or 6.0 A
Rated Output Voltage:	270 VAC
Rated Output Current:	3.7 A
Rated Output Power:	1000W
Degree of Protection:	IPX0

License Conditions:

1. The DC to DC converters are for building in and electrical and fire enclosure must be provided in the end system.
2. The input/output circuits are separated from the base plate by basic insulation based on 400V working voltage.
3. The Base plate temperature cannot exceed 100°C.
4. Abnormal testing MCOTS-B-270L-270-HT was performed with 10A external. If a larger fuse is used than abnormal testing must be performed.
5. Abnormal testing MCOTS-B-385-270-HT was performed with 20A external. If a larger fuse used than abnormal testing must be performed.



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Part Number Nomenclature Half Brick

MCOTS-B	270	270	H	T	N	M	xxx
I	II	III	IV	V	VI	VII	VII

I	Product	MCOTS-B – MiLCOTs BusQor Series
II	Input Voltage	270L = 230-310Vdc, Output 1000 Watts max 385 = 230-400 Vdc, Output 1000 Watts max
III	Output Voltage	270 = 270 Vdc
IV	Package Size	H = Half Brick
V	Performance level	T = Tera G = Giga M = Mega K = Kilo
VI	Thermal design	Options include but are not limited to: D = Normal Non-Threaded F = Flanged N = Normal Threaded
VII	Screening	Burn-in duration, etc (Non safety)
VIII	Options	Suffix letters and/or numbers denoting non-safety critical functions such as, but not limited to, positive or negative logic, pin length, etc.