



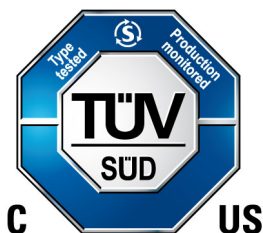
America

# CERTIFICATE

No. U10 034962 0331 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-DC - Converters 50W

**Tested according to:** CSA C22.2 No 62368-1:2014  
 UL 62368-1:2014

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.:** 72171690-100

**Date,** 2022-05-23

( William J. Stinson )



America

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**Model(s):** MCOTS-C-28-xx-SG; IQ18xxxSGXxxx

**Brand Name(s):** SynQor

**Parameters:**

Rated Input Voltage:	16-40 Vin; 9-36 Vin
Rated Input Power:	50W
Degree of Protection:	IPX0

**License conditions** –

When installed in the end product, consideration shall be given to the following:

1. If the input is considered to be ES1 or ES2 than the output circuit is considered to be ES1.
2. There is functional insulation from the input and output circuits to the baseplate
3. All models are intended to be supplied from an isolated secondary circuit.
4. Abnormal and Component Failure Tests were conducted with the power supply input protected by a 20A, AGC fast blow fuse. If higher value fuse is used additional testing may be required.





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## MCOTS-C Series Nomenclature Sixteenth Brick

MCOTS -C -	28 -	12 -	S	M -	N -	M -	xxx
I	II	III	IV	V	VI	VII	VIII

- I      Product                      MCOTS-C-MILCOTs Converters
- II     Input Voltage                28 = 16-40 Vdc, Output 50 Watts max  
48 = 34-75 Vdc, Output 50 Watts Max
- III    Output Voltage                3 Characters denoting output voltage in volts  
R – Decimal point  
  
1R8 – 1.8 Vdc minimum  
48 = 48 Vdc maximum
- IV    Package Size                    S = Sixteenth Brick (25 Amps max)
- V     Performance level            K = Kilo  
M = Mega  
G = Giga
- VI    Thermal Design  
Examples but not limited to:  
F = Flanged  
N = Normal
- VII   Screening Level              Burn-in duration, etc (Non Safety)
- VIII   Options                         Blank to 3 characters denoting non-safety options such as,  
but not limited to, positive or negative logic, pin configurations,  
etc.