



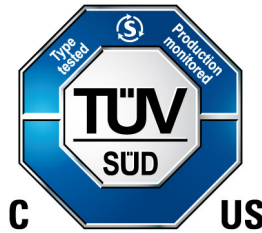
America

# CERTIFICATE

No. U10 034962 0329 Rev. 04

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

**Certification Mark:**



**Product:** Audio/Video, Information and Communication technology equipment  
 Isolated DC-DC Converter

**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.:** 72195965-000

**Date,** 2024-01-22

( William J. Stinson )



America

# CERTIFICATE

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**Model(s):**

- MCOTS-C-270-40-FE
- MCOTS-C-270-60-FE
- MCOTS-C-270F-xxx-DM
- MCOTS-C-270-xx-HP
- MCOTS-C-270-400HT
- MCOTS-C-270F-xx-SK

**Brand Name(s):** SynQor

## Parameters:

Model	Input		Output		
	Voltage	Current	Voltage	Current	Power
MCOTS-C-270-40-FE	155-425 V DC	7.3 A	10-40 V DC	60 A max	1kW
MCOTS-C-270-60-FE	155-425 V DC	7.3 A	25-60 V DC	40 A max	1kW
MCOTS-C-270F-xxx-DM	200-300 V DC	.22 A	3.3-28 VDC	15 A max	50 W
MCOTS-C-270-xx-HP	230-425 V DC	3.2 A max	5-48 V DC	70 A max	528 W
MCOTS-C-270-400HP	155-425 V DC	3.5 A	400 VDC	.75 A max	300 W
MCOTS-C-270F-xx-SK	200-300 V DC	0.16 A	3.3-28 VDC	--	25 W

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## MILCOTS 270 Full Brick Part Nomenclature

MCOTS-C	270	40	F	E	N	M	XXX
I	II	III	IV	V	VI	VII	VIII

I	Product	MCOTS-C – MILCOTs Converters
II	Input Voltage	270 = 155-425 Vdc
III	Output Voltage	40 = 10-40 Vdc 60 = 25-60 Vdc
IV	Package Size	F = Full Brick
V	Performance Series	E = Exa
VI	Heat Sink	N = Normal threaded F = Flanged D = Normal Non-threaded
VII	Screening level	S = S-Grade M = M-Grade
VIII	Options	Blank to 3 characters denoting non-safety options such as, but not limited to, positive or negative logic, pin configuration, etc.



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## MILCOTS 270F Demi Brick Part Nomenclature

MCOTS-C	270F-	xxx-	D-	M-	N	S-	[ ]
I	II	III	IV	V	VI	VII	VIII

- I Product MCOTS-C = MILCOTS Converter
- II Input Voltage 270F = 200 – 300V
- III Output Voltage
  - 3R3 = 3.3Vdc Single Output
  - 05S = 5.0Vdc Single Output
  - 12S = 12.0Vdc Single Output
  - 28S = 28.0Vdc Single Output
- IV Package Size D = Demi Brick
- V Performance Series M = Mega Series
- VI Heatsink Option
  - N = Normal Threaded
  - F = Flanged
- VII Screening Level
  - S = S-Grade
  - M = M-Grade
- VII Options [ ] = Standard Feature



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## MILCOTS 270 Half Brick Part Nomenclature

MCOTS-C	270-	12-	H	P-	N-	S-	F
I	II	III	IV	V	VI	VII	VIII

- I     Product                MCOTS-C = MILCOTS DC-DC Converters
- II    Input Voltage         270 = 230-425Vdc
- III   Output Voltage        05 = 5Vdc, 350 W  
                                   07 = 7Vdc, 490 W  
                                   12 = 12Vdc, 504 W  
                                   15 = 15Vdc, 495 W  
                                   28 = 28Vdc, 498 W  
                                   48 = 48Vdc, 528 W  
                                   400 = 400Vdc, 300 W
- IV    Package Size           H = Half Brick
- V     Performance Level     P = Peta  
                                   T = Tera
- VI    Thermal Design        N = Normal Threaded  
                                   D = Non-Threaded  
                                   F = Flanged
- VII   Screening Level        S = S-Grade  
                                   M = M-Grade
- VIII   Options                [ ] = Standard feature  
                                   F = Full Feature



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# CERTIFICATE

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## MCOTS DC-DC Converter

MCOTS-C-	270F-	28-	S-	K-	N-	S-	[ ]
I	II	III	IV	V	VI	VII	VIII

- I Product MCOTS DC-DC Converters
- II Input Voltage 270F = 200 – 300 VDC
- III Output Voltage
  - 3R3 = 3.3 VDC
  - 05 = 5 VDC
  - 12 = 12 VDC
  - 28 = 28 VDC
- IV Package Size S = Sixteenth Brick
- V Performance Series K = Kilo
- VI Heatsink Option
  - N = Normal Threaded
  - F = Flanged
- VII Screening Level
  - S = S-Grade
  - M = M-Grade
- VIII Options [ ] = Standard feature

### Output Ratings:

	MCOTS-C-270F-3R3-SK	MCOTS-C-270F-05-SK	MCOTS-C-270F-12-SK	MCOTS-C-270F-28-SK
Output Voltage	3.3 VDC	5 VDC	12 VDC	28 VDC
Output Current	7.5 A	5.0 A	2.1 A	0.9 A
Output Power	25 W	25W	25W	25W