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CERTIFICATE

No. U8V 021433 0578 Rev. 01

Holder of Certificate: Vicor Corporation

25 Frontage Road Andover MA 01810 USA

Certification Mark:



Product: Information Technology Equipment

DC-DC Converter

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. 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". TÜV SÜD America Inc. is an OSHA recognized NRTL and a Standards Council of Canada accredited Certification body.

Test report no.:

72140652-101

Date,

2019-05-15

(William J. Stinson)

Millington

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Model(s):

VTM2308S60Z0825TZ0

Type: Isolated SM-ChiP VTM

(see page 3 for model nomenclature)

Brand Name:

VICOR

Tested

CAN/CSA C22.2 No.60950-1:2007/A2:2014

according to:

EN 60950-1:2006/A2:2013 UL 60950-1:2007/R:2014-10

Production

067768

Facility(ies):

Parameters:

Rated Input Voltage: 60 V DC max Rated Output Voltage: 15 V DC max Rated Output Current: 25 A max

Degree of Protection: IPX0

Special Considerations - The following items are considerations that were used when evaluating these products.

The VICOR SM-ChiP VTM and BCM series of isolating DC-DC converters are designed for building-in.

Conditions of Acceptability - When installed in the end use equipment, the following are among considerations to be made:

- 1. The VTM / BCM series are rated full current up to a maximum case temperature of 100°C.
- 2. Basic Insulation is provided from Input to Output.
- 3. Component fault testing was performed using a Littelfuse 451 series rated 65V, 15A.
- 4. The SM-ChiPs to be mounted on minimum V-1 rated PCB

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VICOR SM-ChiP VTM and BCM Model Matrix: AAAbbbbSccdeewwxzz Examples: VTM2308S60Z0825TZ0 or BCM2308S60E0825T00

AAA = VTM Product Fi		
VTM	Voltage Transformation Module	
BCM	Bus Converter Module	

Package S	ize Designator (mm)	
2308	23 x 08	

ator	
Surface Mount	
	ator Surface Mount

nput Volta	ge designator, Max (range)		
	VTM		BCM
60	60 Vdc (26-60)	60	60Vdc (36-60)

Voltage Ra	nge Ratio	
VTM	Z	
ВСМ	E	

Output Voltage Desigr	nator: Nominal (range)
08	5 Vdc (4.5-7.5)

Output Current Designator	
13	12.5 A
25	25.0 A

x = T					
Product 0	Grade (max internal tempe	rature)			
С	0.0 to 125°C	Т	-40 to 125°C	М	-55 to 125°C

Consta	y alphanumeric combination, non-inc nt for VTM and designates isolation.	ciusive list VTM customer spi	ecial model number zz = 00 also
signates	isolation.	- · · · · · · · · · · · · · · · · ·	
	всм		VTM
00	Analog Ctrl	Z0	Analog Ctri
01	PMBus Ctrl	Z1	PMBus Ctrl
0R	Reversable Analog Ctrl	ZR	Reversable Analog Ctrl
0P	Reversable PMBus Ctrl	ZP	Reversable PMBus Ctrl
		00	Customer Special

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