



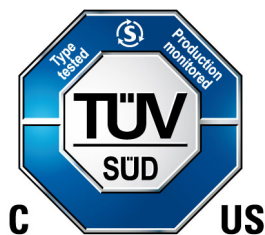
America

CERTIFICATE

No. U8V 021433 0612 Rev. 01

Holder of Certificate: **Vicor Corporation**
25 Frontage Road
Andover MA 01810
USA

Certification Mark:



Product: Audio/Video, Information and Communication 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.: 72162960A-100

Date, 2021-08-23

(William J. Stinson)



America

CERTIFICATE

No. U8V 021433 0612 Rev. 01

Model(s): **BCM6135CD1E5165Tzz**
Type: CM-ChiP, BCM6135
where zz = alphanumeric, denotes product functionality and revision
(see model matrix)

Brand Name: **VICOR**

Tested according to: CAN/CSA C22.2 No. 62368-1:2014
UL 62368-1:2014
EN 62368-1:2014/A11:2017

Parameters:

Rated Input Voltage:	384Vdc (260 - 410Vdc)
Rated Output Voltage:	48Vdc (32.5 - 51.3Vdc)
Rated Output Current:	65 A
Degree of Protection:	IPX0

License Conditions:

Special Considerations – The following items are considerations that were used when evaluating the CM-ChiP BCM6135.

The CM-ChiP BCM6135 series is a DC-DC converter designed for building-in.

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

1. See attached thermal curves for maximum output current vs. case temperature
2. The output is separated from the input by Reinforced Insulation and is considered ES1
3. Case/ EMI GND terminal may be used as a protective bonding terminal and connected to Protective Earth in the end use. Connection not required unless case is accessible in end use
4. The product was evaluated with a Littelfuse 487 series fuse rated 10A in the (+) In lead
5. If the supply voltage is derived from +/- 190Vdc then both the +HI and –HI input leads require a Littelfuse 487 Series 10A fuse



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CM-ChiP BCM6135

Model Matrix: BCM6135CaaabbxxTzz

Example: BCM6135CD1E5165TC1

BCM = Constant

BCM – Bus Converter Module	
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6135 = Constant

Package Size (mm)	
6135	61 x 35

C = Constant

Package Type	
C	CM-ChiP

aaa = D1E

Nominal Input Voltage (Range)	
D1E	384Vdc (260 – 410)

bb = 51

Output Voltage	
51	48Vdc (32.5-51.3)

xx = 65

Output Current	
65	65A

T = Constant

Temperature Grade (Internal operating temperature range)	
T	-40 to 125°C
Controlled by maintaining case temperature per thermal curves	

zz = C1

Defines Customer Options/Functionality and Revision	
C1	Standard Model, Revision 1
C2	Standard Model, Revision 2

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