



Ref. Certif. No.

DK-134765-M2-UL

IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT (IECEE) CB SCHEME

CB TEST CERTIFICATE

Product	DC-DC Converter
Name and address of the applicant	Flex Electronics (Shanghai) Co Ltd 33 Fuhua Road, Jiading District Shanghai 201818 China
Name and address of the manufacturer	Flex Electronics (Shanghai) Co Ltd 33 Fuhua Road, Jiading District Shanghai 201818 China
Name and address of the factory	Flex Electronics (Shanghai) Co Ltd 33 Fuhua Road, Jiading District Shanghai 201818 China
Note: When more than one factory, please report on page 2	<input checked="" type="checkbox"/> Additional Information on page 2
Ratings and principal characteristics	(optional) Model BMR313X1X2X3X4/X5X6X7: Input: 38-60Vdc, 22A; Output: 9.5-15Vdc, 0-81A Model BMR314X1X2X3X4/X5X6X7: Input: 38-60Vdc, 19A; Output: 9.5-15Vdc, 0-70A
Trademark / Brand (if any)	flex 
Customer's Testing Facility (CTF) Stage used	CTF Stage 2
Model / Type Ref.	BMR313X1X2X3X4/X5X6X7, BMR314X1X2X3X4/X5X6X7 <input checked="" type="checkbox"/> Additional Information on page 2
Additional information (if necessary may also be reported on page 2)	<b>Additionally evaluated to:</b> EN 62368-1:2014, EN 62368-1:2014/A11:2017 National Differences specified in the CB Test Report. The report was revised to include technical modifications. National Differences: EU Group Differences, CA, US <input checked="" type="checkbox"/> Additional Information on page 2
A sample of the product was tested and found to be in conformity with	IEC 62368-1:2014
As shown in the Test Report Ref. No. which forms part of this Certificate	E496569-A6043-CB-1 issued on 2023-05-18

This CB Test Certificate is issued by the National Certification Body



- UL Solutions (US), 333 Pfingsten Rd IL 60062, Northbrook, USA
- UL Solutions (Demko), Borupvang 5A DK-2750 Ballerup, DENMARK
- UL Solutions (JP), Marunouchi Trust Tower Main Building 6F, 1-8-3 Marunouchi, Chiyoda-ku, Tokyo 100-0005, JAPAN
- UL Solutions (CA), 7 Underwriters Road, Toronto, M1R 3B4 Ontario, CANADA

For full legal entity names see [www.ul.com/ncbnames](http://www.ul.com/ncbnames)

Date: 2023-05-18  
Original Issue Date: 2022-11-18

Signature: Thomas Wilson



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**DK-134765-M2-UL**

**Factory(ies):**

FLEXTRONICS TECHNOLOGY (PENANG) SDN BHD  
BUKIT MINYAK INDUSTRIAL PARK S P T  
PLOT 131A JALAN PERINDUSTRIAN BUKIT  
BUKIT MINYAK SIMPANG AMPAT, PULAU PINANG, 14100  
Malaysia

**Additional Model Detail(s):**

BMR313X1X2X3X4/X5X6X7

X1 defines the Mechanical pin option

X1=0: Open frame, LGA

X1=1: Base plate, LGA

X1=2-9: TBD

X2X3 is used as sequence number for additional variants

X2X3=00: Not used

X2X3=01: Vin 38-60 V, Vout 9.5-15 V (4:1 ratio), 1000 W continuously, 3000 W peak

X2X3=02-99: TBD

X4 defines the functionality option

X4=0: TBD

X4=1: Stacked module

X4=2-9: TBD

X5X6X7 is used as sequence number for CDA files

X5X6X7 can be a number between 001 and 999

Both general numbers specified in the datasheet and customer unique numbers exist. All CDA sequence number are SW unique. The CDA sequence numbers are listed in 15241-CDA 102 0663. Model number is CDA 102 0663/ X5X6X7.

BMR314X1X2X3X4/X5X6X7

X1=0: Open frame, LGA

X1=1: Base plate, LGA

X1=2-9: TBD

X2X3 is used as sequence number for additional variants

X2X3=00: Not used

X2X3=01: Vin 38-60 V, Vout 9.5-15 V (4:1 ratio), 800 W continuously, 1500 W peak

X2X3=02-99: TBD

X4 defines the functionality option

X4=0: TBD

X4=1: Stacked module

X4=2-9: TBD

X5X6X7 is used as sequence number for CDA files

X5X6X7 can be a number between 001 and 999

Both general numbers specified in the datasheet and customer unique numbers exist. All CDA sequence number are SW unique. The CDA sequence numbers are listed in 15241-CDA 102 0664. Model number is CDA 102 0664/ X5X6X7.

**Summary of Modifications:**

Update definition of suffix X2X3 for model BMR313X1X2X3X4/X5X6X7, see CB Test Report for details.

**Additional information (if necessary)**



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