



Ref. Certif. No.

DK-151668-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 <input type="checkbox"/> Additional Information on page 2
Note: When more than one factory, please report on page 2	
Ratings and principal characteristics	(optional) For model BMR510X1X2X3X4/X5X6X7: Vin= 4.5-15Vdc; Iin= 27 A @ Vin 4.75 V and Vout 1.3 V and 80 A output current; Vout= 0.5-1.3Vdc; Iout= 0-80A <input checked="" type="checkbox"/> Additional Information on page 2
Trademark / Brand (if any)	 Flex
Customer's Testing Facility (CTF) Stage used	CTF Stage 2
Model / Type Ref.	BMR510X1X2X3X4/X5X6X7, BMR511X1X2X3X4/X5X6X7 <input checked="" type="checkbox"/> Additional Information on page 2
Additional information (if necessary may also be reported on page 2)	Additionally evaluated to: EN 62368-1:2014, EN 62368-1:2014/A11:2017. National Differences: EU Group Differences, CA, US <input 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-A6037-CB-2 issued on 2024-03-27

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

Date: 2024-03-28

Signature: Thomas Wilson



Ref. Certif. No.

DK-151668-UL

Additional Model Detail(s):

BMR510X1X2X3X4/X5X6X7,

BMR511X1X2X3X4/X5X6X7,

X1 defines the Mechanical pin option, can be a number between 0 and 9.

X2X3 is used as sequence number for additional variants, can be a number between 00 and 99.

X4 is used as sequence number for unit type, can be a number between 0 and 9.

X5 is reserved for future use, can be a number between 0 and 9.

X6X7 is used as sequence number for power stage/rail options, can be a number between 00 and 99.

(See test report for definition of suffixes X1X2X3X4/X5X6X7)

Additional Ratings:

For model BMR511X1X2X3X4/X5X6X7:

Vin= 5-15Vdc;

Iin= 30A @ Vin 6V and Vout 1.8V and 80A output current

Vout= 0.5-1.8V;

Iout= 50A@Vin 5-6V, 80A@Vin 6-15V

Additional information (if necessary)



- 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

Date: 2024-03-28

Signature:

Thomas Wilson