Ref. Certif. No.

DK-117121-M1-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*	☐ Additional Information on page 2
Ratings and principal characteristics	(optional) BMR6853300/001: Input: 36-75Vdc, Output: 50Vdc, 1300W ☒ Additional Information on page 2
Trademark (if any)	flex
Customer's Testing Facility (CTF) Stage used	CTF Stage 2
Model / Type Ref.	BMR6853300/001, BMR685X1X2X3X4/X5X6X7 ☒ Additional Information on page 2
Additional information (if necessary may also be reported on page 2)	**Additionally evaluated to:** EN 62368-1:2014/A11:2017, EN 62368-1:2014 National Differences specified in the CB Test Report. The report was revised to include technical modifications. ☒ 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-A6033-CB-1 issued on 2021-10-13

This CB Test Certificate is issued by the National Certification Body

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

For full legal entity names see www.ul.com/ncbnames

Date: 2021-10-14
Original Issue Date: 2021-08-11

Signature: Jan-Erik Storgaard

Ref. Certif. No.

DK-117121-M1-UL

Additional Model Detail(s):
BMR685X1X2X3X4/X5X6X7,
X1 defines the Mechanical pin option.
X2 defines the Mechanical option.
X3X4 is used as sequence number for additional variants.
X5X6X7 can be a number between 000 and 999. Both general numbers specified in the datasheet and customer unique number exists. All CDA sequence number are SW unique.

Additional Ratings:

BMR685X1X2X3X4/X5X6X7:
Input: 34.5-60Vdc or 34.5-75Vdc or 36-75Vdc,
Output: 50Vdc,1300W

Summary of Modifications:
Added alternate MOSFET and Isolator

Additional information (if necessary)

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