


UL-EU CERTIFICATE

Certificate No.	UL-EU-02203-M2
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Date of Issue	2023-06-05
Certificate Holder	FLEX ELECTRONICS (SHANGHAI) CO LTD 33 FUHUA ROAD,JIADING DISTRICT SHANGHAI, Shanghai Shi, 201818 CHINA
Production site	FLEX ELECTRONICS (SHANGHAI) CO LTD 33 FUHUA ROAD,JIADING DISTRICT SHANGHAI, SHANGHAI SHI, 201818 CHINA
Certified Product	See Page 2 for additional information
Model	DC-DC Converter BMR510X1X2X3X4/X5X6X7, BMR511X1X2X3X4/X5X6X7 See page 2 for additional Information
Trademark	flex 
Ratings	(optional) For model BMR510X1X2X3X4/X5X6X7: Vin= 4.5-15Vdc See page 2 for additional ratings
Tested acc. to	EN 62368-1:2014, EN 62368-1:2014/A11:2017
Test Report No.	E496569-A6037-CB-1 issued on 2023-06-05
Additional	The report was revised to include technical modifications. This certificate replaces the earlier issued UL-EU-02203-M1 due to add new model, add new factory, and update Critical Component List, 07- 02 and 07-03.
Expire date	2024-07-06

Certification Manager
Thomas Wilson
UL International Demko A/S
Borupvang 5A
2750 Ballerup
Denmark

This is to certify that representative sample(s) of the Product described herein ("Certified Product") have been investigated and found in compliance with the Standard(s) indicated on this Certificate, in accordance with the UL-EU Requirements. As specified in the respective appendices below the designated Certificate holder is entitled to use the UL-EU Mark, or its alternative for cables, for the Certified Product manufactured at the production site(s) identified above, in accordance with the UL-EU Mark Service Agreement, including without limitation the UL-EU Mark Testing and Certification Services Service Terms. Only those Products bearing the UL-EU Mark for Europe should be considered as being covered by UL's UL-EU Mark Service. This Certificate shall remain valid through the expiration date, unless terminated earlier in accordance with the Service Agreement including without limitation if the Standard(s) identified on this Certificate is amended or withdrawn prior the expiration date.

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Factories:

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(s):

Series:

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)

Ratings:

(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

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

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Certification Mark UL-EU Mark

The UL-EU Mark, as displayed below, shall appear on certified products only. Minimum size is not specified, as long as the Mark is legible. The following is suggested.



The minimum height of the registered trademark symbol ® shall be 1 mm. When the overall diameter of the UL-EU Mark is less than 9.5 mm, the trademark symbol may be omitted if it is not legible to the naked eye.

The UL-EU Mark may appear on a label, nameplate, or may be cast, stamped or molded into the product. When appearing on a label or nameplate, the Manufacturer's name or trademark along with a model number are also required on that same label or nameplate. If cast, stamped or molded, the Certificate Manufacturer's name or trademark and model number shall also appear elsewhere on the product.

All content shall be in accordance with the details provided on this UL-EU Certificate.

PROCUREMENT

The Production site may reproduce the Mark or obtain it from a UL authorized supplier. The list of UL authorized suppliers can be found on UL's online directory at www.ul.com

Certification Body

UL International Demko A/S, Borupvang 5A, 2750 Ballerup
Denmark

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Alternate certification Mark for cables

As an alternative to the UL-EU Mark specified above the alternate UL-EU Mark, displayed below, can appear on certified cables only. Minimum size is not specified, as long as the mark is legible. The following is suggested:

(UL)-EU

The alternate UL-EU Mark may be cast, stamped or molded into the cable and continue throughout the length of the cable as specified in the applicable cable standard.

All content shall be in accordance with the details provided on this UL-EU Certificate.

Certification Body

UL International Demko A/S, Borupvang 5A, 2750 Ballerup
Denmark