



Ref. Certif. No.

DK-78402-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 type="checkbox"/> Additional Information on page 2
Ratings and principal characteristics	Ratings are optional: PIM 4610 or PIM4610: Input A: 36-75Vdc Input B: 36-75Vdc Input 2: 9-13.2Vdc <input checked="" type="checkbox"/> Additional Information on page 2
Trademark / Brand (if any)	
Customer's Testing Facility (CTF) Stage used	
Model / Type Ref.	PIM 4710, PIM4610, PIM 4610, PIM4710 <input checked="" type="checkbox"/> Additional Information on page 2
Additional information (if necessary may also be reported on page 2)	The report was revised to include technical modifications. Additionally evaluated to: EN 62368-1:2014, EN 62368-1:2014/A11:2017 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	OFF-4788662003-A-1-Amendment-3 issued on 2024-01-18

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

Date: 2024-01-18
Original Issue Date: 2018-11-26

Signature:
Thomas Wilson



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Additional Model Detail(s):

PIM 4710, PIM4610, PIM 4610, PIM4710, maybe followed by xxxxx, where xxxxx can be any alpha-numeric indicating variants of basic models. For description refer to Model Differences.

All variants have at least two suffixes, the first indicates the method of mounting ('P' or 'S') and the second indicates the communication interface ('D' or 'DA'). All variants may have a third optional suffix indicating a power good pin ('G'). Through hole mounted variants ('P') may have a fourth suffix for shorter pin leads ('LA', 'LB', 'LC' or 'LD'). The fifth indicates optional part list (OP).

- P Through hole mounting
- S Surface mounting
- D Standard PMBus interface
- DA Limited I2C interface (Industry standard)
- G Power good pin
- LA lead length 3.69 mm (default: 5.33 mm)
- LB lead length 4.57 mm (default: 5.33 mm)
- LC lead length 2.79 mm (default: 5.33 mm)
- LD lead length 2.40 mm (default: 5.33 mm)
- OP Optional part list

Additional Ratings:

- Outputs:
- 1) max. 16A
 - 2) 3.3Vdc, max 3.6A, or max 7.0A if additionally supplied by input 2

PIM 4710 or PIM4710:

- Input A: 36-75Vdc
- Input B: 36-75Vdc
- Input 2: 9-13.2Vdc

- Outputs:
- 1) max. 20A
 - 2) 3.3Vdc, max 3.6A, or max 7.0A if additionally supplied by input 2

Summary of Modifications:

Added new model suffix OP.

Additional information (if necessary)



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