

UL-EU CERTIFICATE

Certificate No. UL-EU-01900
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Date of Issue 2020-06-02

Certificate Holder Flex Electronics (Shanghai) Co Ltd
33 Fuhua Road, Jiading District
Shanghai, 201818 China

Manufacturer Flex Electronics (Shanghai) Co Ltd
33 Fuhua Road, Jiading District
Shanghai, 201818 China

Production site Flex Electronics (Shanghai) Co Ltd
33 Fuhua Road, Jiading District
Shanghai, 201818 China

Certified Product DC-DC Converter
Model PIM 4x06*
Trademark See Page 2



Rated Voltage / Frequency See Page 2
Rated Current / Power See Page 2
Insulation Class Not classified
Degree of protection (IP) IPX0
Tested acc. to EN 62368-1:2014/A11:2017, EN 62368-1:2014
Test Report No. E496569-A6014-CB-1 issued on 2020-06-01
Additional
Expire date 2030-06-01

Certification Manager
Jan-Erik Storgaard
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with the Service Agreement including without limitation if the Standard(s) identified on this Certificate is amended or withdrawn prior the expiration date.

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Model Details:

PIM 4x06* (x depends on output current), e.g.

PIM 4106*

PIM 4206*

PIM 4306*

PIM 4406*

* represents models may be followed by alphanumeric suffix (not safety related)

Ratings:

(optional)

Input A: 36-60Vdc

Input B: 36-60Vdc

Output: 36-60Vdc, max 10.3A

Output examples:

PIM 4106* 2.6 A

PIM 4206* 5.2 A

PIM 4306* 7.7 A

PIM 4406* 10.3 A

Certification Body

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

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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.

