Ref. Certif. No.

DK-124712-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, Shanghai, 201818 China
Name and address of the manufacturer	Flex Electronics (Shanghai) Co Ltd 33 Fuhua Road,Jiading District Shanghai, Shanghai, 201818 China
Name and address of the factory Note: *When more than one factory, please report on page 2*	Flex Electronics (Shanghai) Co Ltd 33 Fuhua Road,Jiading District Shanghai, Shanghai, 201818 China ☐ Additional Information on page 2
Ratings and principal characteristics	(optional) Input for 1), 2) and 4): 36-75Vdc, Max.25A, Input for 3) and 5): 34.5-60 Vdc, Max.25A, Input for 6): 36-60Vdc, Max.14A Output for 1): 28Vdc, Max.25A, Output for 2),3),4) and 5): 50Vdc, Max.14A, 700W Output for 6): 50Vdc, Max.9A
Trademark / Brand (if any)	flex flex flex
Customer's Testing Facility (CTF) Stage used	CTF Stage 2
Model / Type Ref.	1) PKJ4716A* 2) PKJ4716H* 3) PKJ4716H*UA* 4) PKJ4716HD* 5) PKJ4716HD*UA* 6) PKJ4416HD* ☒ 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 The report was revised to include technical modifications. National Differences: EU Group Differences, CA, US ☒ 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-A6040-CB-1 issued on 2023-09-26

This CB Test Certificate is issued by the National Certification Body

UL Solutions

☐ 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: 2023-09-26
Original Issue Date: 2022-03-02

Signature:
Thomas Wilson

Ref. Certif. No.

DK-124712-M2-UL

Additional Model Detail(s):
PKJ4416HD*, PKJ4716HD*, PKJ4716HD*UA*, PKJ4716H*, PKJ4716H*UA*, PKJ4716A*,
* can be PI, HS, P, OP, LA, UA, UC, OS, SI, HV, OC, OA and by any combination of above characters representing minor differences that do not affect safety.
The definition is as follows:
PI - pins for through hole mounting
PI may be followed by a combination of the following additional suffixes:
P - positive remote control (negative remote control is standard)
LA - lead length 3.69 mm (0.145 in.) (5.33 mm (0.210 in.) is standard)
LB - lead length 4.57 mm (0.180 in.) (5.33 mm (0.210 in.) is standard)
LC - lead length 2.79 mm (0.110 in.) (5.33 mm (0.210 in.) is standard)
HS - base plate
M – baseplate with thread
G - baseplate with ground pin
OP – optional part list
UA - Input voltage minimum is 34.5V
UC-no laser marking in baseplate
OS -optional part list for sense
SI - pins for surface mounting
HV - baseplate with wings
OC - custom optimized control loop
OA - Optional output adjust

Summary of Modifications:
Add new model PKJ4416HD* which is identical to PKJ4716HD* except for lower power.

Additional information (if necessary)

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