Ref. Certif. No.

DK-79749-M2-UL

IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT (IECEE) CB SCHEME

CB TEST CERTIFICATE

Product	Switching Power Supply
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 Note: *When more than one factory, please report on page 2*	Flex Electronics (Shanghai) Co Ltd 33 Fuhua Road,Jiading District Shanghai, 201818 China ☐ Additional Information on page 2
Ratings and principal characteristics	(Optional) For Models PKB2213D * Input: 18 - 36Vdc Output: 12Vdc, 20A ☒ Additional Information on page 2
Trademark / Brand (if any)	flex
Customer's Testing Facility (CTF) Stage used	CTF Stage 2
Model / Type Ref.	PKB2213D *, PKB4216HD *, PKB5213D * ☒ Additional Information on page 2
Additional information (if necessary may also be reported on page 2)	The report was revised to include technical modifications. National Differences: EU Group Differences, AU, CA, NZ, US ☒ Additional Information on page 3
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-A6001-CB-1 issued on 2024-07-03 E496569-A6001-CB-1 issued on 2024-07-05

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: 2024-07-05
Original Issue Date: 2019-01-04

Signature:
Thomas Wilson

Additional Model Detail(s):
PKB2213D *, PKB4216HD *, PKB5213D *,
All models may be followed by any combination of characters representing minor differences that do not affect safety, see Test Report for explanation of the suffix "*".

All models have suffixes that represent minor differences that do not affect safety.
* means all models have at least one of the following suffixes:
PI - pins for through hole mounting
SI - pins for surface mounting
PI or SI may be followed by a combination of the following additional suffixes:
P - positive remote control (negative remote control is standard)
M - increased stand-off and height
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)
LD - lead length 2.40 mm (0.094 in.) (5.33 mm (0.210 in.) is standard)
NB - no base plate
OP - optional part list
HS - base plate (PKB-C models only)
HV - baseplate with wings
G - baseplate with ground pin
OC - custom optimized control loop
OV - 36-60V input voltage
OA - 1.5 V output voltage
OB - 1.2 V output voltage
LV - latching over voltage protection
LT - latching over temperature protection
LI - latching over current protection
LP - latching over temperature and over voltage protection
LIV - latching over current and over voltage protection
LIT - latching over current and over temperature protection
LPA - latching over voltage, over temperature and over current protection
OT - change Under Voltage at shut down level
1 = pin in paste and soft tray
2 = pin in paste and hard tray

Additional Ratings:
For model PKB4216HD *
Input: 36 - 60Vdc
Output: 50Vdc, 5A

For model PKB5213D *
Input: 18 - 60Vdc, 15A
Output: 12Vdc, 20A

Additional information (if necessary)

☐ UL Solutions (US), 333 Pfingsten Rd IL 60062, Northbrook, USA
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DK-79749-M2-UL

Additionally evaluated to:
EN 62368-1:2014, EN 62368-1:2014/A11:2017

Summary of Modifications:
Update model information; See CB Test Report for details.

Additional information (if necessary)

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