UL- EU CERTIFICATE

Certificate No.	UL-EU-00242-M1
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Date of Issue	2012-08-13
Certificate Holder	ERICSSON AB FAROGATAN 6 STOCKHOLM, SE-164 80 Sweden
Manufacturer	ERICSSON AB FAROGATAN 6 STOCKHOLM, SE-164 80 Sweden
Production site	FLEXTRONICS MFG (SUZHOU) CO LTD CHINA-SINGAPORE SUZHOU INDL PARK 9 SUQIAN RD SUZHOU, 215021 JIANGSU China See Page 2
Certified Product	DC/DC Converter (For building-in)
Model	PKM 2218L, PKM 2318G, PKM 2318H, PKM 2319, PKM 2510, PKM 2511, See Page 2
Trademark	ERICSSON
	ERICSSON
Rated Voltage / Frequency	See Page 2
Rated Current / Power	See Page 2
Insulation Class	Special Application - TNV-2
Degree of protection (IP)	IP X0
Tested acc. to	EN 60950-1:2006/A11:2009, EN 60950-1:2006/A12:2011, EN 60950-1:2006/A1:2010, EN 60950-1:2006
Test Report No.	E210157-A7-CB-4 issued on 2012-08-03
Additional	
Expire date	2022-08-07

Director, Global Market Access Operations
Helena Y. Wolf

This is to certify that representative samples of the Certified Product listed above have been investigated by Underwriters Laboratories to the Standard(s) indicated on this Certificate, in accordance with the UL Global Services Agreement and the UL-EU Mark Service Terms and Conditions ("Agreement"). The Certificate Holder is entitled to use the UL-EU Mark for the Certified Product listed on the certificate and manufactured at the production site(s) listed, in accordance with the terms of the Agreement. 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shall remain valid through the Expiration date, unless a Standard identified on this Certificate is amended or withdrawn prior to that date or there is a non-compliance with the Agreement.

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Model Details:
PKM 2218L,PKM 2318G,PKM 2318H,PKM 2319,PKM 2510,PKM 2511,PKM 2513,PKM 2515,
PKM 4218L,PKM 4218N,PKM 4318G,PKM 4318H,PKM 4319,PKM 4510,PKM 4511,PKM 4513,
PKM 4515,PKM 4516Z,PKM 4619,PKM 4711,PKM 4810,PKM 2810,PKM 2811
all models followed by E, may be followed by combination of any
characters or none representing minor differences that do not affect
safety, see additional information for details.

Production Sites:

SHANGHAI ERICSSON ELECTRONICS CO LTD
33 FUHUA RD
JIADING DISTRICT
SHANGHAI, 201818 . China

Ratings:

1. PKM 2218L,	1. Input: 18-36 Vdc, Output: 1.2Vdc, 24W
2. PKM 2318H,	2. Input: 18-36 Vdc, Output: 1.5Vdc, 30W
3. PKM 2318G,	3. Input: 18-36 Vdc, Output: 1.8Vdc, 36W
4. PKM 2319,	4. Input: 18-36 Vdc, Output: 2.5Vdc, 38W
5. PKM 2510,	5. Input: 18-36 Vdc, Output: 3.3Vdc, 50W
6. PKM 2511,	6. Input: 18-36 Vdc, Output: 5.0Vdc, 50W
7. PKM 2513,	7. Input: 18-36 Vdc, Output: 12Vdc, 50W
8. PKM 2515,	8. Input: 18-36 Vdc, Output: 15Vdc, 50W
9. PKM 4218L,	9. Input: 36-75 Vdc, Output: 1.2Vdc, 24W
10. PKM 4218N,	10. Input: 36-75 Vdc, Output: 1.0Vdc, 20W
11. PKM 4318H,	11. Input: 36-75 Vdc, Output: 1.5Vdc, 30W
12. PKM 4318G,	12. Input: 36-75 Vdc, Output: 1.8Vdc, 36W
13. PKM 4319,	13. Input: 36-75 Vdc, Output: 2.5Vdc, 38W
14. PKM 4510,	14. Input: 36-75 Vdc, Output: 3.3Vdc, 50W
15. PKM 4511,	15. Input: 36-75 Vdc, Output: 5.0Vdc, 50W
16. PKM 4513,	16. Input: 36-75 Vdc, Output: 12Vdc, 50W
17. PKM 4515,	17. Input: 36-75 Vdc, Output: 15Vdc, 50W
18. PKM 4516Z,	18. Input: 36-75 Vdc, Output: 24Vdc, 50W
19. PKM 4619,	19. Input: 36-75 Vdc, Output: 2.5Vdc, 62.5W
20. PKM 4810,	20. Input: 36-75 Vdc, Output: 3.3Vdc, 82.5W
21. PKM 4711,	21. Input: 36-75 Vdc, Output: 5Vdc, 75W
22. PKM 2810,	22. Input: 18-36 Vdc, Output: 3.3Vdc, 82.5W
23. PKM 2811	23. Input: 18-36 Vdc, Output: 5Vdc, 16.5A, 82.5W.

all ratings are optional

Certification Body

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Additional Information:
For building-in.
Reason for correction:
Missing model's description.

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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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