



Ref. Certif. No.

DK-101137-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	ARCH ELECTRONICS CORP 3F NO 79 SEC 1 HSIN TAI WU RD HSI CHIH DISTRICT NEW TAIPEI, 221 TAIWAN
Name and address of the manufacturer	ARCH ELECTRONICS CORP 3F NO 79 SEC 1 HSIN TAI WU RD HSI CHIH DISTRICT NEW TAIPEI, 221 TAIWAN
Name and address of the factory	ARCH ELECTRONICS CORP. 3F, NO. 79, SEC1, HSIN TAI WU RD., HSI CHIH, NEW TAIPEI CITY, 221, TAIWAN <input type="checkbox"/> Additional Information on page 2
Note: When more than one factory, please report on page 2	
Ratings and principal characteristics	ARF240E-xSYYYYYYY : Input: 100-240 Vac, 47-63 Hz, 3.0 A max. <input checked="" type="checkbox"/> Additional Information on page 2
Trademark / Brand (if any)	
Customer's Testing Facility (CTF) Stage used	
Model / Type Ref.	ARFV240O-xSYYYYYYY, ARCHTCI240-x1Ax2YYYYYYY, MQF240O-xSYYYYYYY, ARF240E-xSYYYYYYY, MQF240E-xSYYYYYYY <input checked="" type="checkbox"/> Additional Information on page 2
Additional information (if necessary may also be reported on page 2)	<b>Additionally evaluated to:</b> EN 62368-1:2014, EN 62368-1:2014/A11:2017 The report was revised to include technical modifications. National Differences: EU Group Differences, AU, CA, DK, IT, JP, NZ, GB, US <input checked="" type="checkbox"/> 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	2307001-CB-M2 issued on 2023-08-09

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](http://www.ul.com/ncbnames)

Date: 2023-08-24  
Original Issue Date: 2020-08-10

Signature: Thomas Wilson



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**Additional Model Detail(s):**

ARF240E-xSYYYYYYY, ARF240O-xSYYYYYYY, ARF240U-xSYYYYYYY, ARFV240E-xSYYYYYYY, ARFV240O-xSYYYYYYY, ARFV240U-xSYYYYYYY, MQC100-xSYYYYYYY, MQC150-xSYYYYYYY, MQF240E-xSYYYYYYY, MQF240O-xSYYYYYYY, MQF240U-xSYYYYYYY, and AQF240E-12S24S

(where "x" can be 9 to 12.48, 18 to 24.96 or 36 to 49.92 and "Y" can be 0-9, a-z, A-Z, - or blank)

ARCHTCI240-x1x2YYYYYYY, ARCHTCI240-x1Ux2YYYYYYY, and ARCHTCI240-x1Ax2YYYYYYY

(where "x1" can be 109 to 112.48, 118 to 124.96 or 136 to 149.92, "x2" can be -J or -T, and "Y" can be 0-9, a-z, A-Z, - or blank)

**Additional Ratings:**

**Input:**

ARF240E-xSYYYYYYY, ARF240O-xSYYYYYYY, ARF240U-xSYYYYYYY, ARFV240E-xSYYYYYYY, ARFV240O-xSYYYYYYY, ARFV240U-xSYYYYYYY, MQF240E-xSYYYYYYY, MQF240O-xSYYYYYYY, MQF240U-xSYYYYYYY, ARCHTCI240-x1x2YYYYYYY, ARCHTCI240-x1Ux2YYYYYYY, ARCHTCI240-x1Ax2YYYYYYY, and AQF240E-12S24S:

100-240 Vac, 47-63 Hz, 3.0 A max.

MQC100-xSYYYYYYY: 100-240 Vac, 47-63 Hz, 2.0 A max.

MQC150-xSYYYYYYY: 100-240 Vac, 47-63 Hz, 2.5 A max.

**Output:**

ARF240E-xSYYYYYYY, ARF240O-xSYYYYYYY, ARF240U-xSYYYYYYY, ARFV240E-xSYYYYYYY, ARFV240O-xSYYYYYYY, and ARFV240U-xSYYYYYYY:

where "x" can be 9 to 12.48: 9 to 12.48 Vdc/20.83 A, 250 W max.

where "x" can be 18 to 24.96: 18 to 24.96 Vdc/10.42 A, 250 W max.

where "x" can be 36 to 49.92: 36 to 49.92 Vdc/5.21 A, 250 W max.

ARCHTCI240-x1x2YYYYYYY, ARCHTCI240-x1Ux2YYYYYYY, and ARCHTCI240-x1Ax2YYYYYYY

where "x1" can be 109 to 112.48: 109 to 112.48 Vdc/20.83 A, 250 W max.

where "x1" can be 118 to 124.96: 18 to 24.96 Vdc/10.42 A, 250 W max.

where "x1" can be 136 to 149.92: 36 to 49.92 Vdc/5.21 A, 250 W max.

MQF240E-xSYYYYYYY, MQF240O-xSYYYYYYY, and MQF240U-xSYYYYYYY:

where "x" can be 9 to 12.48: 9 to 12.48 Vdc/20.0 A, 240 W max.

where "x" can be 18 to 24.96: 18 to 24.96 Vdc/10.0 A, 240 W max.

where "x" can be 36 to 49.92: 36 to 49.92 Vdc/5.0 A, 240 W max.

MQC100-xSYYYYYYY:

where "x" can be 9 to 12.48: 9 to 12.48 Vdc/8.33 A, 100 W max.

where "x" can be 18 to 24.96: 18 to 24.96 Vdc/4.2 A, 100 W max.

where "x" can be 36 to 49.92: 36 to 49.92 Vdc/ 2.1 A, 100 W max.

MQC150-xSYYYYYYY:

where "x" can be 9 to 12.48: 9 to 12.48 Vdc/12.5 A, 150 W max.

where "x" can be 18 to 24.96: 18 to 24.96 Vdc/6.25 A, 150 W max.

where "x" can be 36 to 49.92: 36 to 49.92 Vdc/3.125 A, 150 W max.

AQF240E-12S24S: 12 Vdc/10 A max., 24 Vdc/5 A max.

**Additional information (if necessary)**



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**Summary of Modifications:**

Updated description of "TEST ITEM PARTICULARS";

Updated standard of TABLE: Critical components information;

Addition of alternate new Model similar to original Models ARF240E series except for following items, see test report for details

**Additional information (if necessary)**



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