




Ref. Certif. No.

DK-85162-M3-UL

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

CB TEST CERTIFICATE

Product	Switch-mode Power Supply
Name and address of the applicant	TDK-LAMBDA UK LTD KINGSLEY AVE ILFRACOMBE, EX34 8ES United Kingdom
Name and address of the manufacturer	TDK-LAMBDA UK LTD KINGSLEY AVE ILFRACOMBE, EX34 8ES United Kingdom
Name and address of the factory <small>Note: When more than one factory, please report on page 2</small>	Panyu Trio Microtronics Co Ltd SHIJI INDUSTRIAL ESTATE DONGYONG NANSHA GUANGZHOU, 511453 GUANGDONG China
Ratings and principal characteristics	See Page 2
Trademark / Brand (if any)	TDK-Lambda 
Type of Customer's Testing Facility (CTF) Stage used	CTF Stage 3
Model / Type Ref.	KQM5001V-x, QI4, QI5, QI7, QI8, QI8B, See Page 2
Additional information (if necessary may also be reported on page 2)	The report was revised to include technical modifications <input checked="" type="checkbox"/> 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	E135494-A6011-CB-1 issued on 2020-12-11

This CB Test Certificate is issued by the National Certification Body



- UL (US), 333 Pfingsten Rd IL 60062, Northbrook, USA
- UL (Demko), Borupvang 5A DK-2750 Ballerup, DENMARK
- UL (JP), Marunouchi Trust Tower Main Building 6F, 1-8-3 Marunouchi, Chiyoda-ku, Tokyo 100-0005, JAPAN
- UL (CA), 7 Underwriters Road, Toronto, M1R 3B4 Ontario, CANADA

For full legal entity names see www.ul.com/ncbnames

Date: 2020-12-11
Original Issue Date: 2020-09-23

Signature:

Jan-Erik Storgaard



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Model Details:

KQM5001V-x, QI4, QI5, QI7, QI8, QI8B, QM4, QM5, QM7, QM8, QM8B, QS4, QS5, QS7 switch mode power supplies (followed by alphanumeric characters - see Model Differences section in Test Report for details of models and nomenclature)

Factories:

TDK-LAMBDA UK LTD
KINGSLEY AVE
ILFRACOMBE, EX34 8ES United Kingdom

Trio-Tronics (Thailand) Ltd
7/295 Mu. 6
Map Yang Phon Sub-District
Pluak Daeng District, Rayong Province Thailand

Ratings:

QM4, QI4 or QS4 (550W): 100-240Vac nom, 47-440Hz, 9A rms max
QM4, QI4 or QS4 (600W): 115-240Vac nom, 47-440Hz, 9A rms max
QM4, QI4 or QS4 (650W): 200-240Vac nom, 47-440Hz, 6A rms max
QM4, QI4 or QS4 (550W): 144-318Vdc nom, 6Adc max
QM4, QI4 or QS4 (650W): 239-318Vdc nom, 5Adc max
QM5, QI5 or QS5 (700W): 100-240Vac nom, 47-440Hz, 11A rms max
QM5, QI5 or QS5 (750W): 115-240Vac nom, 47-440Hz, 11A rms max
QM5, QI5 or QS5 (800W): 200-240Vac nom, 47-440Hz, 9A rms max
QM5H, QI5H or QS5H (700W): 100-240Vac nom, 47-440Hz, 11A rms max
QM5H, QI5H or QS5H (750W): 115-240Vac nom, 47-440Hz, 11A rms max
QM5H, QI5H or QS5H (800W): 200-240Vac nom, 47-440Hz, 9A rms max
QM5H, QI5H or QS5H (1200W): 200-240Vac nom, 47-440Hz, 9A rms max
QM5, QI5 or QS5 (700W): 144-318Vdc nom, 7Adc max
QM5, QI5 or QS5 (800W): 239-318Vdc nom, 7Adc max
QM5H, QI5H or QS5H (700W): 144-318Vdc nom, 7Adc max
QM5H, QI5H or QS5H (800W): 239-318Vdc nom, 7Adc max
QM5H, QI5H or QS5H (1200W): 239-318Vdc nom, 7Adc max
QM7, QI7 or QS7 (1200W): 100-240Vac nom, 47-440Hz, 19A rms max
QM7, QI7 or QS7 (1300W): 115-240Vac nom, 47-440Hz, 19A rms max
QM7, QI7 or QS7 (1500W): 166.7-240Vac nom, 47-440Hz, 14A rms max
QM7, QI7 or QS7 (1200W): 144-318Vdc nom, 13Adc max
QM7, QI7 or QS7 (1500W): 239-318Vdc, 9Adc max
QM8, QI8 (1200W): 100-240Vac nom, 47-440Hz, 19A rms max
QM8, QI8 (1500W): 166.7-240Vac nom, 47-440Hz, 14A rms max
QM8, QI8 (1200W): 144-318Vdc nom, 13Adc max
QM8, QI8 (1500W): 239-318Vdc, 10Adc max
QM8B, QI8B (1200W): 100-240Vac nom, 47-440Hz, 19A rms max
QM8B, QI8B (1500W): 166.7-240Vac nom, 47-440Hz, 14A rms max
QM8B, QI8B (2000W): 200-240Vac nom, 47-440Hz, 15A rms max
QM8B, QI8B (1200W): 144-318Vdc nom, 13Adc max
QM8B, QI8B (1500W): 239-318Vdc, 10Adc max
QM8B, QI8B (2000W): 239-318Vdc, 12Adc max

Additional Information:

Additionally evaluated to EN 62368-1:2014 / A11: 2017; National Differences specified in the CB Test Report.

The original report was modified to include the following changes/additions:
adding an alternate magnetic supplier "Axis Corporation" in the LoCC table.

Additional information (if necessary)



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