



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	Panyu Trio Microtronics Co Ltd SHIJI INDUSTRIAL ESTATE DONGYONG NANSHA GUANGZHOU, 511453 GUANGDONG China
Note: <i>When more than one factory, please report on page 2</i>	<input checked="" type="checkbox"/> Additional Information on page 2
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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