



Ref. Certif. No.

DK-141285-UL

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

CB TEST CERTIFICATE

Product	Open Type Switch Mode Power Supplies
Name and address of the applicant	PULS GmbH Elektrastr 6 Munchen, 81925 Germany
Name and address of the manufacturer	PULS GmbH Elektrastr 6 Munchen, 81925 Germany
Name and address of the factory	PULS ELECTRONICS (SUZHOU) CO LTD NO 1 RUI EN LANE XINGPU RD, SIP SUZHOU, Jiangsu, 215021 China <input checked="" type="checkbox"/> Additional Information on page 2
Note: When more than one factory, please report on page 2	
Ratings and principal characteristics	QT40.241: Input: 3AC 380-480V, 1.8-1.3A, 50-60Hz <input checked="" type="checkbox"/> Additional Information on page 2 & 3
Trademark / Brand (if any)	
Customer's Testing Facility (CTF) Stage used	CTF Stage 3
Model / Type Ref.	QT40.241, QT40.481, QT40.242, QT40.361, QT40.485 <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 61010-1:2010, EN 61010-1:2010/A1:2019, EN IEC 61010-2-201:2018. National Differences: EU Group Differences, CA, US <input type="checkbox"/> Additional Information on page 2
A sample of the product was tested and found to be in conformity with	IEC 61010-1:2010, IEC 61010-1:2010/AMD1:2016, IEC 61010-2-201:2017
As shown in the Test Report Ref. No. which forms part of this Certificate	2023-E198865-4790456070-CB issued on 2023-05-23

This CB Test Certificate is issued by the National Certification Body



- UL Solutions (US), 333 Pflugsten 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: 2023-05-25

Signature: Thomas Wilson



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**DK-141285-UL**

**Factory(ies):**

PULS INVESTICNI S R O  
PRAZSKA 5639 CHOMUTOV 430 01  
Czech Republic

**Additional Model Detail(s):**

QT40.241, QT40.481, QT40.242, QT40.361, QT40.485, QT40.241-IOL,  
QT40.361-83x, where x can be any character or number or blank denoting non safety relevant options.

Alternate designation is QT40.KKX-XX, where KK represents the output voltage and can be 24 or 36 or 48, -XX is optional, X can be any character or number or blank, denoting non safety relevant options.

**Additional Ratings:**

Output:

Continuous:

DC 24-28V, 40-34.3A (below +60°C)

DC 24-28V, 30-25.7A (at +70°C)

Short-term, up to 4s:

DC 24-28V, 60-51.5A (below +70°C)

Derate linearly between +60°C and +70°C

Operational temperature range: -25°C to 70°C

QT40.481:

Input:

3AC 380-480V, 1.8-1.3A, 50-60Hz

Output:

Continuous:

DC 48-54V, 20-17.8A (below +60°C)

DC 48-54V, 15-13.4A (at +70°C)

Short-term, up to 4s:

DC 48-54V, 30-26.7A (below +70°C)

Derate linearly between +60°C and +70°C

Operational temperature range: -25°C to 70°C

QT40.242:

Input:

3AC 380-480V, 1.8-1.3A, 50-60Hz

Output:

Continuous:

DC 24-28V, 40-34.3A (below +60°C)

DC 24-28V, 30-25.7A (at +70°C)

Short-term, up to 4s:

DC 24-28V, 60-51.5A (below +70°C)

Derate linearly between +60°C and +70°C

Operational temperature range: -25°C to 70°C

**Additional information (if necessary)**



- 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
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QT40.361:

Input:

3AC 380-480V, 1.8-1.3A, 50-60Hz

Output:

Continuous:

DC 36-42V, 26.7-22.9A (below +60°C)

DC 36-42V, 20-17.2A (at +70°C)

Short-term, up to 4s:

DC 36-42V, 40.34.3A (below +70°C)

Derate linearly between +60°C and +70°C

Operational temperature range: -25°C to 70°C

QT40.485:

Input:

3AC 380-480V, 1.8-1.3A, 50-60Hz

Output:

Continuous:

DC 48-54V, 20-17.8A (below +60°C)

DC 48-54V, 15-13.4A (at +70°C)

Short-term, up to 5s:

DC 48-54V, 30-26.7A (below +60°C)

Derate linearly between +60°C and +70°C

Operational temperature range: -25°C to 70°C

QT40.241-IOL:

Input:

3AC 380-480V, 1.8-1.3A, 50-60Hz

Output:

Continuous:

DC 24-28.5V, 40-33.7A (below +55°C)

DC 24-28.5V, 27.5-23.2A (at +70°C)

Short-term, up to 5s:

DC 24-28.5V, 60-50.5A (below +70°C)

Derate linearly between +55°C and +70°C

Operational temperature range: -25°C to 70°C

QT40.361-83x, where x can be any character or number or blank denoting non safety relevant options:

Input:

3AC 380-480V, 1.6-1.25A, 50-60Hz

Output:

Continuous:

DC 32V, 26.7A (below +60°C)

DC 32V, 20A (at +70°C)

Short-term, up to 4s:

DC 32V, 40A (below +70°C)

Derate linearly between +60°C and +70°C

Operational temperature range: -25°C to 70°C

### Additional information (if necessary)



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