

# CERTIFICATE OF COMPLIANCE

**Certificate Number** E188913  
**Report Reference** E188913-20091222  
**Issue Date** 2020-MARCH-18

**Issued to:** TRACO ELECTRONIC AG  
Sihlbruggstrasse 111, CH-6340 Baar, SWITZERLAND.

**This certificate confirms that  
representative samples of**

COMPONENT - POWER SUPPLIES, INFORMATION  
TECHNOLOGY EQUIPMENT INCLUDING ELECTRICAL  
BUSINESS EQUIPMENT.

COMPONENT- POWER SUPPLIES FOR USE WITH  
AUDIO/VIDEO, INFORMATION AND COMMUNICATION  
TECHNOLOGY EQUIPMENT.

See Addendum page for Models/Product

Have been investigated by UL in accordance with the  
component requirements in the Standard(s) indicated on  
this Certificate. UL Recognized components are incomplete  
in certain constructional features or restricted in  
performance capabilities and are intended for installation in  
complete equipment submitted for investigation to UL LLC.

**Standard(s) for Safety:** See the addendum page for - Standards  
**Additional Information:** See the UL Online Certifications Directory at  
<https://iq.ulprospector.com> for additional information.

This *Certificate of Compliance* does not provide authorization to apply the UL Recognized Component Mark. Only the UL Follow-Up Services Procedure provides authorization to apply the UL Mark.

Only those products bearing the UL Recognized Component Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Recognized Component Mark on the product.



Bruce Mahrenholz, Director North American Certification Program  
UL LLC

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This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements.

## Models/Product

[QQGQ2, QQGQ8 Only] DC/DC Converters - THB 3-0512, THB 3-0515, THB 3-0522, THB 3-0523, THB 3-1211, THB 3-1223, THB 3-2412, THB 3-2422, THB 3-4815, THB 3-4822.

[QQGQ2, QQGQ8 Only] DC/DC Converters - THB 3-1212, THB 3-1222, THB 3-1215, THB 3-2411, THB 3-2423, THB 3-2415, THB 3-4811, THB 3-4812, THB 3-4823, THB 3-0511.

(Covered for QQGQ2, QQGQ8 & QQJQ2, QQJQ8) - TEL 8-2410WI, TEL 8-2411WI, TEL 8-2412WI, TEL 8-2413WI, TEL 8-2415WI, TEL 8-2422WI, TEL 8-2423WI, TEL 8-4810WI, TEL 8-4811WI, TEL 8-4812WI, TEL 8-4813WI, TEL 8-4815WI, TEL 8-4822WI, TEL 8-4823WI.

(Covered for QQGQ2, QQGQ8 & QQJQ2, QQJQ8) - TMR 2-0511WISM, TMR 2-0512WISM, TMR 2-0513WISM, TMR 2-0515WISM, TMR 2-0522WISM, TMR 2-0523WISM, TMR 2-2411WISM, TMR 2-2412WISM, TMR 2-2413WISM, TMR 2-2415WISM, TMR 2-2422WISM, TMR 2-2423WISM, TMR 2-4811WISM, TMR 2-4812WISM, TMR 2-4813WISM, TMR 2-4815WISM, TMR 2-4822WISM, TMR 2-4823WISM, TMR 3-0511WISM, TMR 3-0512WISM, TMR 3-0513WISM, TMR 3-0515WISM, TMR 3-0522WISM, TMR 3-0523WISM, TMR 3-2411WISM, TMR 3-2412WISM, TMR 3-2413WISM, TMR 3-2415WISM, TMR 3-2422WISM, TMR 3-2423WISM, TMR 3-4811WISM, TMR 3-4812WISM, TMR 3-4813WISM, TMR 3-4815WISM, TMR 3-4822WISM, TMR 3-4823WISM.

(Covered for QQJQ2, QQJQ8 & QQGQ2, QQGQ8 ) - TRI 15-1211, TRI 15-1212, TRI 15-1213, TRI 15-1215, TRI 15-1222, TRI 15-1223, TRI 15-2411, TRI 15-2412, TRI 15-2413, TRI 15-2415, TRI 15-2422, TRI 15-2423, TRI 15-4811, TRI 15-4812, TRI 15-4813, TRI 15-4815, TRI 15-4822, TRI 15-4823, TRI 20-1211, TRI 20-1212, TRI 20-1213, TRI 20-1215, TRI 20-1222, TRI 20-1223, TRI 20-2411, TRI 20-2412, TRI 20-2413, TRI 20-2415, TRI 20-2422, TRI 20-2423, TRI 20-4811, TRI 20-4812, TRI 20-4813, TRI 20-4815, TRI 20-4822, TRI 20-4823.



Bruce Mahrenholz, Director North American Certification Program  
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[QQGQ2, QQGQ8 Only] - TRI 15-1211-B1, TRI 15-2411-B1, TRI 15-4811-B1, TRI 20-1211-B1, TRI 20-2411-B1, TRI 20-4811-B1

(Covered for QQJQ2, QQJQ8 & QQGQ2, QQGQ8), THL 15-2410WI, THL 15-2411WI, THL 15-2412WI, THL 15-2413WI, THL 15-2422WI, THL 15-2423WI, THL 15-4810WI, THL 15-4811WI, THL 15-4812WI, THL 15-4813WI, THL 15-4815WI, THL 15-4822WI, THL 15-4823WI, THL 15-2410WI-HS, THL 15-2411WI-HS, THL 15-2412WI-HS, THL 15-2413WI-HS, THL 15-2422WI-HS, THL 15-2423WI-HS, THL 15-4810WI-HS, THL 15-4811WI-HS, THL 15-4812WI-HS, THL 15-4813WI-HS, THL 15-4815WI-HS, THL 15-4822WI-HS, THL 15-4823WI-HS.

(QQJQ2, QQJQ8 only) THL 15-2415WI, THL 15-2415WI-HS.

Standard(s) for Safety:

UL 60950-1 - (Information Technology Equipment - Safety - Part 1: General Requirements) & CAN/CSA C22.2 No. 60950-1-07 - (Information Technology Equipment - Safety - Part 1: General Requirements).

UL62368-1 - Audio/Video, Information and Communication Technology Equipment - Part 1: Safety Requirements & CAN/CSA C22.2 No. 62368-1-14 - Audio/Video, Information and Communication Technology Equipment - Part 1: Safety Requirements.

Models:

THR 10-2411WI, THR 10-2412WI, THR 10-2413WI, THR 10-2415WI, THR 10-2422WI, THR 10-2423WI, THR 10-4811WI, THR 10-4812WI, THR 10-4813WI, THR 10-4815WI, THR 10-4822WI, THR 10-4823WI, THR 10-7211WI, THR 10-7212WI, THR 10-7213WI, THR 10-7215WI, THR 10-7222WI, THR 10-7223WI, THR 10-2411WI-B1, THR 10-2412WI-B1, THR 10-2413WI-B1, THR 10-2415WI-B1, THR 10-2422WI-B1, THR 10-2423WI-B1, THR 10-4811WI-B1, THR 10-4812WI-B1, THR 10-4813WI-B1, THR 10-4815WI-B1, THR 10-4822WI-B1, THR 10-4823WI-B1, THR 10-7211WI-B1, THR 10-7212WI-B1, THR 10-7213WI-B1, THR 10-7215WI-B1, THR 10-7222WI-B1, THR 10-7223WI-B1, THR 10-2411WI-B1HS, THR 10-2412WI-B1HS, THR 10-2413WI-B1HS, THR 10-2415WI-B1HS, THR 10-2422WI-B1HS, THR 10-



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2423WI-B1HS, THR 10-4811WI-B1HS, THR 10-4812WI-B1HS, THR 10-4813WI-B1HS, THR 10-4815WI-B1HS, THR 10-4822WI-B1HS, THR 10-4823WI-B1HS, THR 10-7211WI-B1HS, THR 10-7212WI-B1HS, THR 10-7213WI-B1HS, THR 10-7215WI-B1HS, THR 10-7222WI-B1HS, THR 10-7223WI-B1HS, THR 10-2411WI-HS, THR 10-2412WI-HS, THR 10-2413WI-HS, THR 10-2415WI-HS, THR 10-2422WI-HS, THR 10-2423WI-HS, THR 10-4811WI-HS, THR 10-4812WI-HS, THR 10-4813WI-HS, THR 10-4815WI-HS, THR 10-4822WI-HS, THR 10-4823WI-HS, THR 10-7211WI-HS, THR 10-7212WI-HS, THR 10-7213WI-HS, THR 10-7215WI-HS, THR 10-7222WI-HS, THR 10-7223WI-HS, THR 20-2411WI, THR 20-2412WI, THR 20-2413WI, THR 20-2415WI, THR 20-2422WI, THR 20-2423WI, THR 20-4811WI, THR 20-4812WI, THR 20-4813WI, THR 20-4815WI, THR 20-4822WI, THR 20-4823WI, THR 20-7211WI, THR 20-7212WI, THR 20-7213WI, THR 20-7215WI, THR 20-7222WI, THR 20-7223WI, THR 20-2411WI-B1, THR 20-2412WI-B1, THR 20-2413WI-B1, THR 20-2415WI-B1, THR 20-2422WI-B1, THR 20-2423WI-B1, THR 20-4811WI-B1, THR 20-4812WI-B1, THR 20-4813WI-B1, THR 20-4815WI-B1, THR 20-4822WI-B1, THR 20-4823WI-B1, THR 20-7211WI-B1, THR 20-7212WI-B1, THR 20-7213WI-B1, THR 20-7215WI-B1, THR 20-7222WI-B1, THR 20-7223WI-B1, THR 20-2411WI-B1HS, THR 20-2412WI-B1HS, THR 20-2413WI-B1HS, THR 20-2415WI-B1HS, THR 20-2422WI-B1HS, THR 20-2423WI-B1HS, THR 20-4811WI-B1HS, THR 20-4812WI-B1HS, THR 20-4813WI-B1HS, THR 20-4815WI-B1HS, THR 20-4822WI-B1HS, THR 20-4823WI-B1HS, THR 20-7211WI-B1HS, THR 20-7212WI-B1HS, THR 20-7213WI-B1HS, THR 20-7215WI-B1HS, THR 20-7222WI-B1HS, THR 20-7223WI-B1HS, THR 20-2411WI-HS, THR 20-2412WI-HS, THR 20-2413WI-HS, THR 20-2415WI-HS, THR 20-2422WI-HS, THR 20-2423WI-HS, THR 20-4811WI-HS, THR 20-4812WI-HS, THR 20-4813WI-HS, THR 20-4815WI-HS, THR 20-4822WI-HS, THR 20-4823WI-HS, THR 20-7211WI-HS, THR 20-7212WI-HS, THR 20-7213WI-HS, THR 20-7215WI-HS, THR 20-7222WI-HS, THR 20-7223WI-HS



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