

# CERTIFICATE OF COMPLIANCE

**Certificate Number** E188913  
**Report Reference** E188913-20180523  
**Issue Date** 2022-SEPTEMBER-14

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

**This certificate confirms that  
representative samples of**

Power Supplies for Use with Audio/Video, Information and  
Communication Technology Equipment - Component  
See Addendum page for Models

Have been evaluated 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:**  
**Additional Information:**

See Addendum page Standard  
See UL Product iQ® at <https://iq.ulprospector.com> for  
additional information.

This Certificate of Compliance indicates that representative samples of the product described in the certification report have met the requirements for UL certification. It does not provide authorization to apply the UL Recognized Component Mark. Only the Authorization Page that references the Follow-Up Services Procedure for ongoing surveillance 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, Conformity Assessment Director

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.

**Standard(s) for Safety:**

UL 62368-1 & CSA C22.2 No. 62368-1, CAN/CSA C22.2 No. 62368-1-14 Audio/video, Information and Communication Technology Equipment - Part 1: Safety Requirements  
UL 60950-1 & CSA C22.2 No. 60950-1, Information Technology Equipment - Safety - Part 1: General Requirements;  
Standard for Safety of Audio/video, information and communication technology equipment - Part 1: Safety requirements - CAN/CSA-C22.2 No.62368-1



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TMPS 10-103, TMPS 10-105, TMPS 10-109, TMPS 10-112, TMPS 10-115, TMPS 10-124, TMPS 10-148, TEL 10-2410WI, TEL 10-2411AWI, TEL 10-2411WI, TEL 10-2412WI, TEL 10-2413WI, TEL 10-2415WI, TEL 10-2422WI, TEL 10-2423WI, TEL 10-4810WI, TEL 10-4811AWI, TEL 10-4811WI, TEL 10-4812WI, TEL 10-4813WI, TEL 10-4815WI, TEL 10-4822WI, TEL 10-4823WI.

QQJQ2 Only:

TEL 10-4823.

QQJQ2 & QQJQ8 Only

TMDC 06-2411B, TMDC 06-2411, TMDC 06-2412, TMDC 06-2413, TMDC 06-2415, TMDC 06-2418, TMDC 06-2422, TMDC 06-2423, TMDC 06-2425, TMDC 06-4811B, TMDC 06-4811, TMDC 06-4812, TMDC 06-4813, TMDC 06-4815, TMDC 06-4818, TMDC 06-4822, TMDC 06-4823, TMDC 06-4825, TMDC 10-2411B, TMDC 10-2411, TMDC 10-2412, TMDC 10-2413, TMDC 10-2415, TMDC 10-2418, TMDC 10-2422, TMDC 10-2423, TMDC 10-2425, TMDC 10-4811B, TMDC 10-4811, TMDC 10-4812, TMDC 10-4813, TMDC 10-4815, TMDC 10-4818, TMDC 10-4822, TMDC 10-4823, TMDC 10-4825, TMDC 06-7211H-B1, TMDC 06-7211H, TMDC 06-7212H, TMDC 06-7213H, TMDC 06-7215H, TMDC 06-7218H, TMDC 06-7222H, TMDC 06-7223H, TMDC 06-7225H, TMDC 10-7211H-B1, TMDC 10-7211H, TMDC 10-7212H, TMDC 10-7213H, TMDC 10-7215H, TMDC 10-7218H, TMDC 10-7222H, TMDC 10-7223H, TMDC 10-7225H, TRI 10-1210, TRI 10-1211-B1, TRI 10-1211, TRI 10-1212, TRI 10-1213, TRI 10-1215, TRI 10-1222, TRI 10-1223, TRI 10-2410, TRI 10-2411-B1, TRI 10-2411, TRI 10-2412, TRI 10-2413, TRI 10-2415, TRI 10-2422, TRI 10-2423, TRI 10-4810, TRI 10-4811-B1, TRI 10-4811, TRI 10-4812, TRI 10-4813, TRI 10-4815, TRI 10-4822, TRI 10-4823, TRI 3-0515, TRI 3-1215, TRI 3-2415, TRI 3-4815, TRI 6-1215, TRI 6-2415, TRI 6-4815, TEL 10-1210, TEL 10-1211-B1, TEL 10-1211, TEL 10-1212, TEL 10-1213, TEL 10-1215, TEL 10-1222, TEL 10-1223, TEL 10-2410, TEL 10-2411-B1, TEL 10-2411, TEL 10-2412, TEL 10-2413, TEL 10-2415, TEL 10-2422, TEL 10-2423, TEL 10-4810, TEL 10-4811-B1, TEL 10-4811, TEL 10-4812, TEL 10-4813, TEL 10-4815, TEL 10-4822, TMDC 20-7211H-B1, TMDC 20-7211H, TMDC 20-7212H, TMDC 20-7213H, TMDC 20-7215H, TMDC 20-7218H, TMDC 20-7222H, TMDC 20-7223H, TMDC 20-7225H, TMDC 40-7211H-B1, TMDC 40-7211H, TMDC 40-7212H, TMDC 40-7213H, TMDC 40-7215H, TMDC 40-7218H, TMDC 40-7222H, TMDC 40-7223H, TMDC 40-7225H, TMDC 60-7211H-B1, TMDC 60-7211H, TMDC 60-7212H, TMDC 60-7213H, TMDC 60-7215H, TMDC 60-7218H, TMDC 60-7222H, TMDC 60-7223H, TMDC 60-7225H, THR 3-2411WI, THR 3-2412WI, THR 3-2413WI, THR 3-2422WI, THR 3-2423WI, THR 3-4811WI, THR 3-4812WI, THR 3-4813WI, THR 3-4822WI, THR 3-4823WI, THR 3-7211WI,

QQJQ2 & QQJQ8 Only

THR 3-7212WI, THR 3-7213WI, THR 3-7222WI, THR 3-7223WI, TEL 12-1211, TEL 12-1212, TEL 12-1213, TEL 12-1215, TEL 12-1222, TEL 12-1223, TEL 12-2411, TEL 12-2412, TEL 12-2413, TEL 12-2415, TEL 12-2422, TEL 12-2423, TEL 12-4811, TEL 12-4812, TEL 12-4813, TEL 12-4815, TEL 12-4822, TEL 12-4823, TEL 12-2411WI, TEL 12-2412WI, TEL 12-2413WI, TEL 12-2415WI, TEL 12-



Bruce Mahrenholz, Conformity Assessment Director

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QQJQ2, QQJQ8 Only:

TEN 50-2410, TEN 50-2411, TEN 50-2412, TEN 50-2413, TEN 50-2415, TEN 50-4810, TEN 50-4811, TEN 50-4812, TEN 50-4813, TEN 50-4815, TEN 50-2410-HS, TEN 50-2411-HS, TEN 50-2412-HS, TEN 50-2413-HS, TEN 50-2415-HS, TEN 50-4810-HS, TEN 50-4811-HS, TEN 50-4812-HS, TEN 50-4813-HS, TEN 50-4815-HS, TEN 40-2410WIN, TEN 40-2411WIN, TEN 40-2412WIN, TEN 40-2413WIN, TEN 40-2415WIN, TEN 40-2422WIN, TEN 40-2423WIN, TEN 40-4810WIN, TEN 40-4811WIN, TEN 40-4812WIN, TEN 40-4813WIN, TEN 40-4815WIN, TEN 40-4822WIN, TEN 40-4823WIN, TEN 40-2410WIN-HS, TEN 40-2411WIN-HS, TEN 40-2412WIN-HS, TEN 40-2413WIN-HS, TEN 40-2415WIN-HS, TEN 40-2422WIN-HS, TEN 40-2423WIN-HS, TEN 40-4810WIN-HS, TEN 40-4811WIN-HS, TEN 40-4812WIN-HS, TEN 40-4813WIN-HS, TEN 40-4815WIN-HS, TEN 40-4822WIN-HS, TEN 40-4823WIN-HS, TEM 3-0511N, TEM 3-0512N, TEM 3-0513N, TEM 3-0522N, TEM 3-0523N, TEM 3-1211N, TEM 3-1212N, TEM 3-1213N, TEM 3-1222N, TEM 3-1223N, TEM 3-2411N, TEM 3-2412N, TEM 3-2413N, TEM 3-2422N, TEM 3-2423N, THL 25-1210, THL 25-1211, THL 25-1212, THL 25-1213, THL 25-1222, THL 25-1223, THL 25-2410, THL 25-2411, THL 25-2412, THL 25-2413, THL 25-2422, THL 25-2423, THL 25-4810, THL 25-4811, THL 25-4812, THL 25-4813, THL 25-4822, THL

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25-4823, THL 25-1210-HS, THL 25-1211-HS, THL 25-1212-HS, THL 25-1213-HS, THL 25-1222-HS, THL 25-1223-HS, THL 25-2410-HS, THL 25-2411-HS, THL 25-2412-HS, THL 25-2413-HS, THL 25-2422-HS, THL 25-2423-HS, THL 25-4810-HS, THL 25-4811-HS, THL 25-4812-HS, THL 25-4813-HS, THL 25-4822-HS, THL 25-4823-HS, TEN 50-2410WI, TEN 50-2411WI, TEN 50-2412WI, TEN 50-2413WI, TEN 50-2415WI, TEN 50-4810WI, TEN 50-4811WI, TEN 50-4812WI, TEN 50-4813WI, TEN 50-4815WI, TEN 50-2410WI-HS, TEN 50-2411WI-HS, TEN 50-2412WI-HS, TEN 50-2413WI-HS, TEN 50-2415WI-HS, TEN 50-4810WI-HS, TEN 50-4811WI-HS, TEN 50-4812WI-HS, TEN 50-4813WI-HS, TEN 50-4815WI-HS, TES 2-0511M, TES 2-0512M, TES 2-0513M, TES 2-0522M, TES 2-0523M, TES 2-1211M, TES 2-1212M, TES 2-1213M, TES 2-1222M, TES 2-1223M, TES 2-2411M, TES 2-2412M, TES 2-2413M, TES 2-2422M, TES 2-2423M, THI 3-0511, THI 3-0512, THI 3-0513, THI 3-0522, THI 3-0523, THI 3-1211, THI 3-1212, THI 3-1213, THI 3-1222, THI 3-1223, THI 3-2411, THI 3-2412, THI 3-2413, THI 3-2422, THI 3-2423, TEN 6-1210N, TEN 6-1211N, TEN 6-1212N, TEN 6-1213N, TEN 6-1215N, TEN 6-1221N, TEN 6-1222N, TEN 6-1223N, TEN 6-2410N, TEN 6-2411N, TEN 6-2412N, TEN 6-2413N, TEN 6-2415N, TEN 6-2421N, TEN 6-2422N, TEN 6-2423N, TEN 6-4810N, TEN 6-4811N, TEN 6-4812N, TEN 6-4813N, TEN 6-4815N, TEN 6-4821N, TEN 6-4822N, TEN 6-4823N, TEN 6-1210N-HI, TEN 6-1211N-HI, TEN 6-1212N-HI, TEN 6-1213N-HI, TEN 6-1215N-HI, TEN 6-1221N-HI, TEN 6-1222N-HI, TEN 6-1223N-HI, TEN 6-2410N-HI, TEN 6-2411N-HI, TEN 6-2412N-HI, TEN 6-2413N-HI, TEN 6-2415N-HI, TEN 6-2421N-HI, TEN 6-2422N-HI, TEN 6-2423N-HI, TEN 6-4810N-HI, TEN 6-4811N-HI, TEN 6-4812N-HI, TEN 6-4813N-HI, TEN 6-4815N-HI, TEN 6-4821N-HI, TEN 6-4822N-HI, TEN 6-4823N-HI, TEN 6-2410WIN, TEN 6-2411WIN, TEN 6-2412WIN, TEN 6-2413WIN, TEN 6-2415WIN, TEN 6-2421WIN, TEN 6-2422WIN, TEN 6-2423WIN, TEN 6-4810WIN, TEN 6-4811WIN, TEN 6-4812WIN, TEN 6-4813WIN, TEN 6-4815WIN, TEN 6-4821WIN, TEN 6-4822WIN, TEN 6-4823WIN, TEN 6-2410WIN-HI, TEN 6-2411WIN-HI, TEN 6-2412WIN-HI, TEN 6-2413WIN-HI

QQJQ2, QQJQ8 Only:

TEN 6-2415WIN-HI, TEN 6-2421WIN-HI, TEN 6-2422WIN-HI, TEN 6-2423WIN-HI, TEN 6-4810WIN-HI, TEN 6-4811WIN-HI, TEN 6-4812WIN-HI, TEN 6-4813WIN-HI, TEN 6-4815WIN-HI, TEN 6-4821WIN-HI, TEN 6-4822WIN-HI, TEN 6-4823WIN-HI, TEL 8-1210, TEL 8-1211, TEL 8-1212, TEL 8-1213, TEL 8-1215, TEL 8-1222, TEL 8-1223, TEL 8-2410, TEL 8-2411, TEL 8-2412, TEL 8-2413, TEL 8-2415, TEL 8-2422, TEL 8-2423, TEL 8-4810, TEL 8-4811, TEL 8-4812, TEL 8-4813, TEL 8-4815, TEL 8-4822, TEL 8-4823, THL 25-2410WI, THL 25-2411WI, THL 25-2412WI, THL 25-2413WI, THL 25-2422WI, THL 25-2423WI, THL 25-4810WI, THL 25-4811WI, THL 25-4812WI, THL 25-4813WI, THL 25-4822WI, THL 25-4823WI, THL 25-2410WI-HS, THL 25-2411WI-HS, THL 25-2412WI-HS, THL 25-2413WI-HS, THL 25-2422WI-HS, THL 25-2423WI-HS, THL 25-4810WI-HS, THL 25-4811WI-HS, THL 25-4812WI-HS, THL 25-4813WI-HS, THL 25-4822WI-HS, THL 25-4823WI-HS, THD 10-2410WIN, THD 10-2411WIN, THD 10-2412WIN, THD 10-2413WIN, THD 10-2415WIN, THD 10-2422WIN, THD 10-2423WIN, THD 10-4810WIN, THD 10-4811WIN, THD 10-4812WIN, THD 10-4813WIN, THD 10-4815WIN, THD 10-4822WIN, THD 10-4823WIN, TEN 3-1210N, TEN 3-1211N, TEN 3-1212N, TEN 3-1213N, TEN 3-1215N, TEN 3-1221N, TEN 3-1222N, TEN 3-1223N, TEN 3-2410N, TEN 3-2411N, TEN 3-2412N, TEN 3-2413N, TEN 3-2415N, TEN 3-2421N, TEN 3-2422N, TEN 3-2423N, TEN 3-4810N, TEN 3-4811N, TEN 3-4812N, TEN 3-4813N, TEN 3-4815N, TEN 3-4821N, TEN 3-4822N, TEN 3-4823N, TEN 3-2410WIN, TEN 3-2411WIN, TEN 3-2412WIN, TEN 3-2413WIN, TEN 3-2415WIN, TEN 3-2421WIN, TEN 3-2422WIN, TEN 3-2423WIN, TEN 3-4810WIN, TEN 3-4811WIN, TEN 3-4812WIN,

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TEN 3-4813WIN, TEN 3-4815WIN, TEN 3-4821WIN, TEN 3-4822WIN, TEN 3-4823WIN, TMR 4-1211, TMR 4-1212, TMR 4-1213, TMR 4-1215, TMR 4-1222, TMR 4-1223, TMR 4-2411, TMR 4-2412, TMR 4-2413, TMR 4-2415, TMR 4-2422, TMR 4-2423, TMR 4-4811, TMR 4-4812, TMR 4-4813, TMR 4-4815, TMR 4-4822, TMR 4-4823, TMR 4-2411WI, TMR 4-2412WI, TMR 4-2413WI, TMR 4-2415WI, TMR 4-2422WI, TMR 4-2423WI, TMR 4-4811WI, TMR 4-4812WI, TMR 4-4813WI, TMR 4-4815WI, TMR 4-4822WI, TMR 4-4823WI, TMR 2-1210WIN, TMR 2-1211WIN, TMR 2-1212WIN, TMR 2-1213WIN, TMR 2-1221WIN, TMR 2-1222WIN, TMR 2-1223WIN, TMR 2-2410WIN, TMR 2-2411WIN, TMR 2-2412WIN, TMR 2-2413WIN, TMR 2-2421WIN, TMR 2-2422WIN, TMR 2-2423WIN, TMR 2-4810WIN, TMR 2-4811WIN, TMR 2-4812WIN, TMR 2-4813WIN, TMR 2-4821WIN, TMR 2-4822WIN, TMR 2-4823WIN, TMV 0503SHI, TMV 0505SHI, TMV 0509SHI, TMV 0512SHI, TMV 0515SHI, TMV 0505DHI, TMV 0509DHI, TMV 0512DHI, TMV 0515DHI, TMV 05159HI, TMV 1203SHI, TMV 1205SHI, TMV 1209SHI, TMV 1212SHI, TMV 1215SHI, TMV 1205DHI, TMV 1209DHI, TMV 1212DHI, TMV 1215DHI, TMV 12159HI, TMV 1503SHI, TMV 1505SHI, TMV 1509SHI, TMV 1512SHI, TMV 1515SHI, TMV 1505DHI, TMV 1509DHI, TMV 1512DHI, TMV 1515DHI, TMV 15159HI, TMV 2403SHI, TMV 2405SHI, TMV 2409SHI, TMV 2412SHI, TMV 2415SHI, TMV 2405DHI, TMV 2409DHI, TMV 2412DHI, TMV 2415DHI, TMV 24159HI, TEN 3-0510N, TEN 3-0511N, TEN 3-0512N, TEN 3-0513N, TEN 3-0515N, TEN 3-0521N, TEN 3-0522N, TEN 3-0523N, TEN 3-0510N-HI, TEN 3-0511N-HI, TEN 3-0512N-HI, TEN 3-0513N-HI, TEN 3-0515N-HI, TEN 3-0521N-HI, TEN 3-0522N-HI, TEN 3-0523N-HI, TEN 3-1210N-HI, TEN 3-1211N-HI, TEN 3-1212N-HI, TEN 3-1213N-HI, TEN 3-1215N-HI, TEN 3-1221N-HI, TEN 3-1222N-HI, TEN 3-1223N-HI, TEN 3-2410N-HI, TEN 3-2411N-HI, TEN 3-2412N-HI, TEN 3-2413N-HI, TEN 3-2415N-HI, TEN 3-2421N-HI, TEN 3-2422N-HI, TEN 3-2423N-HI, TEN 3-4810N-HI, TEN 3-4811N-HI, TEN 3-4812N-HI, TEN 3-4813N-HI, TEN 3-4815N-HI, TEN 3-4821N-HI, TEN 3-4822N-HI, TEN 3-4823N-HI, TEN 3-2410WIN-HI, TEN 3-2411WIN-HI, TEN 3-2412WIN-HI,

QQJQ2 & QQJQ8 Only

TEN 3-2413WIN-HI, TEN 3-2415WIN-HI, TEN 3-2421WIN-HI, TEN 3-2422WIN-HI, TEN 3-2423WIN-HI, TEN 3-4810WIN-HI, TEN 3-4811WIN-HI, TEN 3-4812WIN-HI, TEN 3-4813WIN-HI, TEN 3-4815WIN-HI, TEN 3-4821WIN-HI, TEN 3-4822WIN-HI, TEN 3-4823WIN-HI, THL 30-2410WI, THL 30-2411WI, THL 30-2412WI, THL 30-2413WI, THL 30-2415WI, THL 30-2422WI, THL 30-2423WI, THL 30-4810WI, THL 30-4811WI, THL 30-4812WI, THL 30-4813WI, THL 30-4815WI, THL 30-4822WI, THL 30-4823WI, THL 30-2410WI-HS, THL 30-2411WI-HS, THL 30-2412WI-HS, THL 30-2413WI-HS, THL 30-2415WI-HS, THL 30-2422WI-HS, THL 30-2423WI-HS, THL 30-4810WI-HS, THL 30-4811WI-HS, THL 30-4812WI-HS, THL 30-4813WI-HS, THL 30-4815WI-HS, THL 30-4822WI-HS, THL 30-4823WI-HS, THP 3-2411, THP 3-2412, THP 3-2422, THP 3-2423, THP 3-4811, THP 3-4812, THP 3-4822, THP 3-4823, THP 3-7211, THP 3-7212, THP 3-7222, THP 3-7223, THI 2-0511M, THI 2-0512M, THI 2-0513M, THI 2-0522M, THI 2-0523M, THI 2-1211M, THI 2-1212M, THI 2-1213M, THI 2-1222M, THI 2-1223M, THI 2-2411M, THI 2-2412M, THI 2-2413M, THI 2-2422M, THI 2-2423M, TMPM 04103, TMPM 04105, TMPM 04109, TMPM 04112, TMPM 04115, TMPM 04124, TMPM 04212, TMPM 04215, TMPM 04253, TMPM 04225, TMM 60105, TMM 60112, TMM 60115, TMM 60124, TMM 60148, TMM 60105C, TMM 60112C, TMM 60115C, TMM 60124C, TMM 60148C, TMM 40105, TMM 40112, TMM 40115, TMM 40124, TMM 40212, TMM 40215, TMM 40105C, TMM 40112C, TMM 40115C, TMM 40124C, TMM 40212C, TMM 40215C, TMPS 03-103, TMPS 03-105, TMPS 03-109, TMPS 03-112, TMPS 03-115, TMPS 03-124, TMPS 05-103, TMPS 05-105, TMPS 05-109, TMPS 05-112, TMPS 05-115, TMPS

*B. Mahrenholz*

Bruce Mahrenholz, Conformity Assessment Director

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# CERTIFICATE OF COMPLIANCE

**Certificate Number** E188913  
**Report Reference** E188913-20180523  
**Issue Date** 2022-SEPTEMBER-14

05-124,TMPS 05-148,TMPS 05-103C,TMPS 05-105C,TMPS 05-109C,TMPS 05-112C,TMPS 05-115C,TMPS 05-124C,TMPS 05-148C,

(QQJQ2, QQJQ8 only)

DC to DC Converter - TEL 15-1211N, TEL 15-1212N, TEL 15-1213N, TEL 15-1215N, TEL 15-1222N, TEL 15-1223N, , TEL 15-2411N, TEL 15-2412N, TEL 15-2413N, TEL 15-2415N, TEL 15-2422N, TEL 15-2423N, , TEL 15-4811N, TEL 15-4812N, TEL 15-4813N, TEL 15-4815N, TEL 15-4822N, TEL 15-4823N, , TEL 15-1211N-HS, TEL 15-1212N-HS, TEL 15-1213N-HS, TEL 15-1215N-HS, TEL 15-1222N-HS, TEL 15-1223N-HS, , TEL 15-2411N-HS, TEL 15-2412N-HS, TEL 15-2413N-HS, TEL 15-2415N-HS, TEL 15-2422N-HS, TEL 15-2423N-HS, , TEL 15-4811N-HS, TEL 15-4812N-HS, TEL 15-4813N-HS, TEL 15-4815N-HS, TEL 15-4822N-HS, TEL 15-4823N-HS, , TEL 15-2411WIN, TEL 15-2412WIN, TEL 15-2413WIN, TEL 15-2415WIN, TEL 15-2422WIN, TEL 15-2423WIN, , TEL 15-4811WIN, TEL 15-4812WIN, TEL 15-4813WIN, TEL 15-4815WIN, TEL 15-4822WIN, TEL 15-4823WIN, , TEL 15-2411WIN-HS, TEL 15-2412WIN-HS, TEL 15-2413WIN-HS, TEL 15-2415WIN-HS, TEL 15-2422WIN-HS, TEL 15-2423WIN-HS, , TEL 15-4811WIN-HS, TEL 15-4812WIN-HS, TEL 15-4813WIN-HS, TEL 15-4815WIN-HS, TEL 15-4822WIN-HS, TEL 15-4823WIN-HS,

DC/DC Converter (QQJQ2, QQJQ8 Only)

TRI 1-0511SM, TRI 1-0512SM, TRI 1-0513SM, TRI 1-0522SM, TRI 1-0523SM, TRI 1-1211SM, TRI 1-1212SM, TRI 1-1213SM, TRI 1-1222SM, TRI 1-1223SM, TRI 1-2411SM, TRI 1-2412SM, TRI 1-2413SM, TRI 1-2422SM, TRI 1-2423SM.

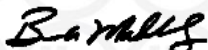
DC/DC Converter (QQJQ2, QQJQ8 Only):

TRI 1-0511, TRI 1-0512, TRI 1-0513, TRI 1-1211, TRI 1-1212, TRI 1-1213, TRI 1-2411, TRI 1-2412, TRI 1-2413.

DC to DC Converter (QQJQ2, QQJQ8 Only)

TMV 2-0503SHI, TMV 2-0505SHI, TMV 2-0509SHI, TMV 2-0512SHI, TMV 2-0515SHI, TMV 2-0505DHI, TMV 2-0509DHI, TMV 2-0512DHI, TMV 2-0515DHI , TMV 2-05159HI , TMV 2-1203SHI, TMV 2-1205SHI, TMV 2-1209SHI, TMV 2-1212SHI, TMV 2-1215SHI, TMV 2-1205DHI, TMV 2-1209DHI, TMV 2-1212DHI, TMV 2-1215DHI , TMV 2-12159HI, TMV 2-1503SHI, TMV 2-1505SHI, TMV 2-1509SHI, TMV 2-1512SHI, TMV 2-1515SHI, TMV 2-1505DHI, TMV 2-1509DHI, TMV 2-1512DHI, TMV 2-1515DHI , TMV 2-15159HI , TMV 2-2403SHI, TMV 2-2405SHI, TMV 2-2409SHI, TMV 2-2412SHI, TMV 2-2415SHI, TMV 2-2405DHI, TMV 2-2409DHI, TMV 2-2412DHI, TMV 2-2415DHI , TMV 2-24159HI

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Bruce Mahrenholz, Conformity Assessment Director

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# CERTIFICATE OF COMPLIANCE

Certificate Number E188913  
Report Reference E188913-20180523  
Issue Date 2022-SEPTEMBER-14

(QQJQ2, QQJQ8 Only)

TMR 3-0510E  
TMR 3-0511E  
TMR 3-0512E  
TMR 3-0513E  
TMR 3-0521E  
TMR 3-0522E  
TMR 3-0523E  
TMR 3-1210E  
TMR 3-1211E  
TMR 3-1212E  
TMR 3-1213E  
TMR 3-1221E  
TMR 3-1222E  
TMR 3-1223E  
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TMR 3-2411E  
TMR 3-2412E  
TMR 3-2413E  
TMR 3-2421E  
TMR 3-2422E  
TMR 3-2423E  
TMR 3-4810E  
TMR 3-4811E  
TMR 3-4812E  
TMR 3-4813E  
TMR 3-4821E  
TMR 3-4822E  
TMR 3-4823E



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