

CERTIFICATE OF COMPLIANCE

Certificate Number E188913
Report Reference E188913-20051104
Issue Date 2021-AUGUST-28

Issued to: TRACO ELECTRONIC AG
SIHLBRUGGSTRASSE 111
CH-6340 BAAR, SWITZERLAND

**This certificate confirms that
representative samples of**

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

See Addendum Page

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

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 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.

DC to DC Converter, Models TON 15-2410z1z1z1z1z1z1,
TON 15-2411z1z1z1z1z1z1, TON 15-2412z1z1z1z1z1z1, TON 15-2413z1z1z1z1z1z1,
TON 15-4810z1z1z1z1z1z1, TON 15-4811z1z1z1z1z1z1, TON 15-4812z1z1z1z1z1z1,
TON 15-4813z1z1z1z1z1z1, TMR 0510, TMR 0511, TMR 0514, TMR 0512, TMR 0513, TMR 0521,
TMR 0522, TMR 0523, TMR 1210, TMR 1211, TMR 1214, TMR 1212, TMR 1213, TMR 1221,
TMR 1222, TMR 1223, TMR 2410, TMR 2411, TMR 2414, TMR 2412, TMR 2413, TMR 2421,
TMR 2422, TMR 2423, TMR 4810, TMR 4811, TMR 4814, TMR 4812, TMR 4813, TMR 4821,
TMR 4822, TMR 4823, TEN 40-2410WI, TEN 40-2411WI, TEN 40-2412WI, TEN 40-2413WI,
TEN 40-2422WI, TEN 40-2423WI, TEN 40-4810WI, TEN 40-4811WI, TEN 40-4812WI,
TEN 40-4813WI, TEN 40-4822WI, TEN 40-4823WI, TEN 60-2410, TEN 60-2411, TEN 60-2412,
TEN 60-2413, TEN 60-4810, TEN 60-4811, TEN 60-4812, TEN 60-4813, TMR 3-0510-z1z1z1z1z1z1,
TMR 3-0511-z1z1z1z1z1z1, TMR 3-0509-z1z1z1z1z1z1, TMR 3-0512-z1z1z1z1z1z1,
TMR 3-0513-z1z1z1z1z1z1, TMR 3-0521-z1z1z1z1z1z1, TMR 3-0522-z1z1z1z1z1z1,
TMR 3-0523-z1z1z1z1z1z1, TMR 3-1210-z1z1z1z1z1z1, TMR 3-1211-z1z1z1z1z1z1,
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THN 15-4812WI-z1z1z1z1z1z1, THN 15-4813WI-z1z1z1z1z1z1, TEN 20-2410WIN, TEN 20-2411WIN,
TEN 20-2412WIN, TEN 20-2413WIN, TEN 20-2421WIN, TEN 20-2422WIN, TEN 20-2423WIN,
TEN 20-4810WIN, TEN 20-4811WIN, TEN 20-4812WIN, TEN 20-4813WIN, TEN 20-4821WIN,
TEN 20-4822WIN, TEN 20-4823WIN, TEN 30-1207-z1z1z1z1z1z1, TEN 30-1209-z1z1z1z1z1z1,
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TEN 30-4813-z1z1z1z1z1z1, TEN 30-4821-z1z1z1z1z1z1, TEN 30-4822-z1z1z1z1z1z1,
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TDR 2-2423Wiz1z1z1z1z1z1, TDR 2-4810Wiz1z1z1z1z1z1, TDR 2-4811Wiz1z1z1z1z1z1,



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TDR 2-4819Wlz1z1z1z1z1z1, TDR 2-4812Wlz1z1z1z1z1z1, TDR 2-4813Wlz1z1z1z1z1z1, TDR 2-4821Wlz1z1z1z1z1z1, TDR 2-4822Wlz1z1z1z1z1z1, TDR 2-4823Wlz1z1z1z1z1z1, TDR 2-1211HIWlz1z1z1z1z1z1, TDR 2-1219HIWlz1z1z1z1z1z1, TDR 2-1212HIWlz1z1z1z1z1z1, TDR 2-1213HIWlz1z1z1z1z1z1, TDR 2-1221HIWlz1z1z1z1z1z1, TDR 2-1222HIWlz1z1z1z1z1z1, TDR 2-1223HIWlz1z1z1z1z1z1, TDR 2-2410HIWlz1z1z1z1z1z1, TDR 2-2411HIWlz1z1z1z1z1z1, TDR 2-2419HIWlz1z1z1z1z1z1, TDR 2-2412HIWlz1z1z1z1z1z1, TDR 2-2413HIWlz1z1z1z1z1z1, TDR 2-2421HIWlz1z1z1z1z1z1, TDR 2-2422HIWlz1z1z1z1z1z1, TDR 2-2423HIWlz1z1z1z1z1z1, TDR 2-4810HIWlz1z1z1z1z1z1, TDR 2-4811HIWlz1z1z1z1z1z1, TDR 2-4819HIWlz1z1z1z1z1z1, TDR 2-4812HIWlz1z1z1z1z1z1, TDR 2-4813HIWlz1z1z1z1z1z1, TDR 2-4821HIWlz1z1z1z1z1z1, TDR 2-4822HIWlz1z1z1z1z1z1, TDR 2-4823HIWlz1z1z1z1z1z1, TDR 2-0511z1z1z1z1z1z1, TDR 2-0519z1z1z1z1z1z1, TDR 2-0512z1z1z1z1z1z1, TDR 2-0513z1z1z1z1z1z1, TDR 2-0521z1z1z1z1z1z1, TDR 2-0522z1z1z1z1z1z1, TDR 2-0523z1z1z1z1z1z1, TDR 2-1210z1z1z1z1z1z1, TDR 2-1211z1z1z1z1z1z1, TDR 2-1219z1z1z1z1z1z1, TDR 2-1212z1z1z1z1z1z1, TDR 2-1213z1z1z1z1z1z1, TDR 2-1221z1z1z1z1z1z1, TDR 2-1222z1z1z1z1z1z1, TDR 2-1223z1z1z1z1z1z1, TDR 2-2410z1z1z1z1z1z1, TDR 2-2411z1z1z1z1z1z1, TDR 2-2419z1z1z1z1z1z1, TDR 2-2412z1z1z1z1z1z1, TDR 2-2413z1z1z1z1z1z1, TDR 2-2421z1z1z1z1z1z1, TDR 2-2422z1z1z1z1z1z1, TDR 2-2423z1z1z1z1z1z1, TDR 2-4810z1z1z1z1z1z1, TDR 2-4811z1z1z1z1z1z1, TDR 2-4819z1z1z1z1z1z1, TDR 2-4812z1z1z1z1z1z1, TDR 2-4813z1z1z1z1z1z1, TDR 2-4821z1z1z1z1z1z1, TDR 2-4822z1z1z1z1z1z1, TDR 2-4823z1z1z1z1z1z1, TDR 2-0511Hlz1z1z1z1z1z1, TDR 2-0519Hlz1z1z1z1z1z1, TDR 2-0512Hlz1z1z1z1z1z1, TDR 2-0513Hlz1z1z1z1z1z1, TDR 2-0521Hlz1z1z1z1z1z1, TDR 2-0522Hlz1z1z1z1z1z1, TDR 2-0523Hlz1z1z1z1z1z1, TDR 2-1210Hlz1z1z1z1z1z1, TDR 2-1211Hlz1z1z1z1z1z1, TDR 2-1219Hlz1z1z1z1z1z1, TDR 2-1212Hlz1z1z1z1z1z1, TDR 2-1213Hlz1z1z1z1z1z1, TDR 2-1221Hlz1z1z1z1z1z1, TDR 2-1222Hlz1z1z1z1z1z1, TDR 2-1223Hlz1z1z1z1z1z1, TDR 2-2410Hlz1z1z1z1z1z1, TDR 2-2411Hlz1z1z1z1z1z1, TDR 2-2419Hlz1z1z1z1z1z1, TDR 2-2412Hlz1z1z1z1z1z1, TDR 2-2413Hlz1z1z1z1z1z1, TDR 2-2421Hlz1z1z1z1z1z1, TDR 2-2422Hlz1z1z1z1z1z1, TDR 2-2423Hlz1z1z1z1z1z1, TDR 2-4810Hlz1z1z1z1z1z1, TDR 2-4811Hlz1z1z1z1z1z1, TDR 2-4819Hlz1z1z1z1z1z1, TDR 2-4812Hlz1z1z1z1z1z1, TDR 2-4813Hlz1z1z1z1z1z1, TDR 2-4821Hlz1z1z1z1z1z1, TDR 2-4822Hlz1z1z1z1z1z1, TDR 2-4823Hlz1z1z1z1z1z1, TDR 2-1210WISMz1z1z1z1z1z1, TDR 2-1211WISMz1z1z1z1z1z1, TDR 2-1219WISMz1z1z1z1z1z1, TDR 2-1212WISMz1z1z1z1z1z1, TDR 2-1213WISMz1z1z1z1z1z1, TDR 2-1221WISMz1z1z1z1z1z1, TDR 2-1222WISMz1z1z1z1z1z1, TDR 2-1223WISMz1z1z1z1z1z1, TDR 2-2410WISMz1z1z1z1z1z1, TDR 2-2411WISMz1z1z1z1z1z1, TDR 2-2419WISMz1z1z1z1z1z1, TDR 2-2424WISMz1z1z1z1z1z1, TDR 2-2413WISMz1z1z1z1z1z1, TDR 2-2421WISMz1z1z1z1z1z1, TDR 2-2422WISMz1z1z1z1z1z1, TDR 2-2423WISMz1z1z1z1z1z1, TDR 2-4810WISMz1z1z1z1z1z1, TDR 2-4811WISMz1z1z1z1z1z1, TDR 2-4819WISMz1z1z1z1z1z1, TDR 2-4812WISMz1z1z1z1z1z1, TDR 2-4813WISMz1z1z1z1z1z1, TDR 2-4821WISMz1z1z1z1z1z1, TDR 2-4822WISMz1z1z1z1z1z1, TDR 2-4823WISMz1z1z1z1z1z1, TDR 2-1211HIWISMz1z1z1z1z1z1, TDR 2-1209HIWISMz1z1z1z1z1z1, TDR 2-1212HIWISMz1z1z1z1z1z1, TDR 2-1213HIWISMz1z1z1z1z1z1, TDR 2-1221HIWISMz1z1z1z1z1z1, TDR 2-1222HIWISMz1z1z1z1z1z1, TDR 2-1223HIWISMz1z1z1z1z1z1, TDR 2-2410HIWISMz1z1z1z1z1z1, TDR 2-2411HIWISMz1z1z1z1z1z1, TDR 2-2409HIWISMz1z1z1z1z1z1, TDR 2-2412HIWISMz1z1z1z1z1z1, TDR 2-2413HIWISMz1z1z1z1z1z1, TDR 2-2421HIWISMz1z1z1z1z1z1, TDR 2-2422HIWISMz1z1z1z1z1z1, TDR 2-2423HIWISMz1z1z1z1z1z1, TDR 2-4810HIWISMz1z1z1z1z1z1, TDR 2-4811HIWISMz1z1z1z1z1z1, TDR 2-4809HIWISMz1z1z1z1z1z1, TDR 2-4812HIWISMz1z1z1z1z1z1



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TEP 160-7212WIRzzzzzzzz, TEP 160-7213WIRzzzzzzzz, TEP 160-7215WIRzzzzzzzz, TEP 160-7216WIRzzzzzzzz, TEP 200-1212zzzzzzzz, TEP 200-1213zzzzzzzz, TEP 200-1215zzzzzzzz, TEP 200-1216zzzzzzzz, TEP 200-2412zzzzzzzz, TEP 200-2413zzzzzzzz, TEP 200-2415zzzzzzzz, TEP 200-2416zzzzzzzz, TEP 200-2412WIRzzzzzzzz, TEP 200-2413WIRzzzzzzzz, TEP 200-2415WIRzzzzzzzz, TEP 200-2416WIRzzzzzzzz, TEP 200-4812WIRzzzzzzzz, TEP 200-4813WIRzzzzzzzz, TEP 200-4815WIRzzzzzzzz, TEP 200-4816WIRzzzzzzzz, TEP 200-7212WIRzzzzzzzz, TEP 200-7213WIRzzzzzzzz, TEP 200-7215WIRzzzzzzzz, TEP 200-7216WIRzzzzzzzz, TEP 160-1218zzzzzzzz, TEP 160-2418zzzzzzzz, TEP 160-4818zzzzzzzz, TEP 160-48153zzzzzzzz, TEP 160-2418WIRzzzzzzzz, TEP 160-4818WIRzzzzzzzz, TEP 160-7218WIRzzzzzzzz, TEP 200-1218zzzzzzzz, TEP 200-2418zzzzzzzz, TEP 200-4818zzzzzzzz, TEP 200-48153zzzzzzzz, TEP 200-2418WIRzzzzzzzz, TEP 200-4818WIRzzzzzzzz, TEP 200-7218WIRzzzzzzzz, TMR 6-0510Z1Z1Z1Z1Z1, TMR 6-0511Z1Z1Z1Z1Z1, TMR 6-0519Z1Z1Z1Z1Z1, TMR 6-0512Z1Z1Z1Z1Z1, TMR 6-0513Z1Z1Z1Z1Z1, TMR 6-0515Z1Z1Z1Z1Z1, TMR 6-0521Z1Z1Z1Z1Z1, TMR 6-0522Z1Z1Z1Z1Z1, TMR 6-0523Z1Z1Z1Z1Z1, TMR 6-1210Z1Z1Z1Z1Z1, TMR 6-1211Z1Z1Z1Z1Z1, TMR 6-1219Z1Z1Z1Z1Z1, TMR 6-1212Z1Z1Z1Z1Z1, TMR 6-1213Z1Z1Z1Z1Z1, TMR 6-1215Z1Z1Z1Z1Z1, TMR 6-1221Z1Z1Z1Z1Z1, TMR 6-1222Z1Z1Z1Z1Z1, TMR 6-1223Z1Z1Z1Z1Z1, TMR 6-2410Z1Z1Z1Z1Z1, TMR 6-2411Z1Z1Z1Z1Z1, TMR 6-2419Z1Z1Z1Z1Z1, TMR 6-2412Z1Z1Z1Z1Z1, TMR 6-2413Z1Z1Z1Z1Z1, TMR 6-2415Z1Z1Z1Z1Z1, TMR 6-2421Z1Z1Z1Z1Z1, TMR 6-2422Z1Z1Z1Z1Z1, TMR 6-2423Z1Z1Z1Z1Z1, TMR 6-4810Z1Z1Z1Z1Z1, TMR 6-4811Z1Z1Z1Z1Z1, TMR 6-4819Z1Z1Z1Z1Z1, TMR 6-4812Z1Z1Z1Z1Z1, TMR 6-4813Z1Z1Z1Z1Z1, TMR 6-4815Z1Z1Z1Z1Z1, TMR 6-4821Z1Z1Z1Z1Z1, TMR 6-4822Z1Z1Z1Z1Z1, TMR 6-4823Z1Z1Z1Z1Z1, THN 30-1210aaaaaaaa (\$), THN 30-1211aaaaaaaa (\$), THN 30-1212aaaaaaaa (\$), THN 30-1213aaaaaaaa (\$), THN 30-1215aaaaaaaa (\$), THN 30-1222aaaaaaaa (\$), THN 30-1223aaaaaaaa (\$), THN 30-1225aaaaaaaa (\$), THN 30-2410aaaaaaaa (\$), THN 30-2411aaaaaaaa (\$), THN 30-2412aaaaaaaa (\$), THN 30-2413aaaaaaaa (\$), THN 30-2415aaaaaaaa (\$), THN 30-2422aaaaaaaa (\$), THN 30-2423aaaaaaaa (\$), THN 30-2425aaaaaaaa (\$), THN 30-4810aaaaaaaa (\$), THN 30-4811aaaaaaaa (\$), THN 30-4812aaaaaaaa (\$), THN 30-4813aaaaaaaa (\$), THN 30-4815aaaaaaaa (\$), THN 30-4822aaaaaaaa (\$), THN 30-4823aaaaaaaa (\$), THN 30-4825aaaaaaaa (\$), THN 30-2410Wlaaaaaaaaa (\$), THN 30-2411Wlaaaaaaaaa (\$), THN 30-2412Wlaaaaaaaaa (\$), THN 30-2413Wlaaaaaaaaa (\$), THN 30-2415Wlaaaaaaaaa (\$), THN 30-2422Wlaaaaaaaaa (\$), THN 30-2423Wlaaaaaaaaa (\$), THN 30-2425Wlaaaaaaaaa (\$), THN 30-4810Wlaaaaaaaaa (\$), THN 30-4811Wlaaaaaaaaa (\$), THN 30-4812Wlaaaaaaaaa (\$), THN 30-4813Wlaaaaaaaaa (\$), THN 30-4815Wlaaaaaaaaa (\$), THN 30-4822Wlaaaaaaaaa (\$), THN 30-4823Wlaaaaaaaaa (\$), THN 30-4825Wlaaaaaaaaa (\$), TEN 15-1210, TEN 15-1211, TEN 15-1212, TEN 15-1213, TEN 15-1221, TEN 15-1222, TEN 15-1223, TEN 15-2410, TEN 15-2411, TEN 15-2412, TEN 15-2413, TEN 15-2421, TEN 15-2422, TEN 15-2423, TEN 15-4810, TEN 15-4811, TEN 15-4812, TEN 15-4813, TEN 15-4821, TEN 15-4822, TEN 15-4823, TEN 20-1210, TEN 20-1211, TEN 20-1212, TEN 20-1213, TEN 20-1221, TEN 20-1222, TEN 20-1223, TEN 20-2410, TEN 20-2411, TEN 20-2412, TEN 20-2413, TEN 20-2421, TEN 20-2422, TEN 20-2423, TEN 20-4810, TEN 20-4811, TEN 20-4812.



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THM 10-4810WIOAz1z1z1z1z1z1z1, THM 10-4811WIOAz1z1z1z1z1z1z1,
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THM 10-4821OAz1z1z1z1z1z1z1, THM 10-4822OAz1z1z1z1z1z1z1,



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THM 10-4823OAz1z1z1z1z1z1z1, TPI150-112Azzzzzzzz, TPI150-115Azzzzzzzz,
TPI150-124Azzzzzzzz, TPI150-128Azzzzzzzz, TPI150-136Azzzzzzzz, TPI150-148Azzzzzzzz,
TPI150-112Uzzzzzzzz, TPI150-115Uzzzzzzzz, TPI150-124Uzzzzzzzz, TPI150-128Uzzzzzzzz,
TPI150-136Uzzzzzzzz, TPI150-148Uzzzzzzzz, TPI150-112zzzzzzzz, TPI150-115zzzzzzzz,
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TPI150-136BUzzzzzzzz, TPI150-148BUzzzzzzzz, TPI150-112Bzzzzzzzz, TPI150-115Bzzzzzzzz,
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TPI100-136BDzzzzzzzz, TPI100-148BDzzzzzzzz, TEP 75-7210Wlaaaaaaaa (#),
TEP 75-7211Wlaaaaaaaa (#), TEP 75-2712Wlaaaaaaaa (#), TEP 75-7213Wlaaaaaaaa (#),
TEP 75-7215Wlaaaaaaaa (#), TEP 75-7216Wlaaaaaaaa (#), TEP 75-7218Wlaaaaaaaa (#),
TEP 100-7210WIRaaaaaaaa (#), TEP 100-7211WIRaaaaaaaa (#), TEP 100-2712WIRaaaaaaaa (#),
TEP 100-7213WIRaaaaaaaa (#), TEP 100-7215WIRaaaaaaaa (#), TEP 100-7216WIRaaaaaaaa (#),
TEP 100-7218WIRaaaaaaaa (#), TMR 3-1210WIHz1z1z1z1z1 (b), TMR 3-1211WIHz1z1z1z1z1 (b),
TMR 3-1219WIHz1z1z1z1z1 (b), TMR 3-1212WIHz1z1z1z1z1 (b), TMR 3-1213WIHz1z1z1z1z1 (b),
TMR 3-1221WIHz1z1z1z1z1 (b), TMR 3-1222WIHz1z1z1z1z1 (b), TMR 3-1223WIHz1z1z1z1z1 (b),
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TMR 3-4823WIHz1z1z1z1z1 (b), TMR 6-0510Hz1z1z1z1z1 (b), TMR 6-0511Hz1z1z1z1z1 (b),
TMR 6-0519Hz1z1z1z1z1 (b), TMR 6-0512Hz1z1z1z1z1 (b), TMR 6-0513Hz1z1z1z1z1 (b),
TMR 6-0515Hz1z1z1z1z1 (b), TMR 6-0521Hz1z1z1z1z1 (b), TMR 6-0522Hz1z1z1z1z1 (b),
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TMR 6-1219Hz1z1z1z1z1 (b), TMR 6-1212Hz1z1z1z1z1 (b), TMR 6-1213Hz1z1z1z1z1 (b),
TMR 6-1215Hz1z1z1z1z1 (b), TMR 6-1221Hz1z1z1z1z1 (b), TMR 6-1222Hz1z1z1z1z1 (b),
TMR 6-1223Hz1z1z1z1z1 (b), TMR 6-2410Hz1z1z1z1z1 (b), TMR 6-2411Hz1z1z1z1z1 (b),

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TMR 6-2419Hlz1z1z1z1z1 (b), TMR 6-2412Hlz1z1z1z1z1 (b), TMR 6-2413Hlz1z1z1z1z1 (b),
TMR 6-2415Hlz1z1z1z1z1 (b), TMR 6-2421Hlz1z1z1z1z1 (b), TMR 6-2422Hlz1z1z1z1z1 (b),
TMR 6-2423Hlz1z1z1z1z1 (b), TMR 6-4810Hlz1z1z1z1z1 (b), TMR 6-4811Hlz1z1z1z1z1 (b),
TMR 6-4819Hlz1z1z1z1z1 (b), TMR 6-4812Hlz1z1z1z1z1 (b), TMR 6-4813Hlz1z1z1z1z1 (b),
TMR 6-4815Hlz1z1z1z1z1 (b), TMR 6-4821Hlz1z1z1z1z1 (b), TMR 6-4822Hlz1z1z1z1z1 (b),
TMR 6-4823Hlz1z1z1z1z1 (b), TMR 6-2410Wlzzzzzzzz (d), TMR 6-2411Wlzzzzzzzz (d),
TMR 6-2419Wlzzzzzzzz (d), TMR 6-2412Wlzzzzzzzz (d), TMR 6-2413Wlzzzzzzzz (d),
TMR 6-2415Wlzzzzzzzz (d), TMR 6-2421Wlzzzzzzzz (d), TMR 6-2422Wlzzzzzzzz (d),
TMR 6-2423Wlzzzzzzzz (d), TMR 6-4810Wlzzzzzzzz (d), TMR 6-4811Wlzzzzzzzz (d),
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TMR 6-2415WIHlzzzzzzzz (d), TMR 6-2421WIHlzzzzzzzz (d), TMR 6-2422WIHlzzzzzzzz (d),
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TMR 6-4815WIHlzzzzzzzz (d), TMR 6-4821WIHlzzzzzzzz (d), TMR 6-4822WIHlzzzzzzzz (d),
TMR 6-4823WIHlzzzzzzzz (d), THN 15-1221aaaaa (e), THN 15-1222aaaaa (e), THN 15-1223aaaaa
(e), TMR 9-4810Wlzzzzzzzz (f), TMR 9-4811Wlzzzzzzzz (f),
TMR 9-4819Wlzzzzzzzz (f), TMR 9-4812Wlzzzzzzzz (f), TMR 9-4813Wlzzzzzzzz (f),
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TMR 9-4823Wlzzzzzzzz (f), TMR 9-1210zzzzzzzz (f), TMR 9-1211zzzzzzzz (f), TMR 9-1219zzzzzzzz
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(f), TMR 9-2419zzzzzzzz (f), TMR 9-2412zzzzzzzz (f), TMR 9-2413zzzzzzzz (f), TMR 9-2415zzzzzzzz
(f), TMR 9-2421zzzzzzzz (f), TMR 9-2422zzzzzzzz (f), TMR 9-2423zzzzzzzz (f), TMR 9-4810zzzzzzzz
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(f), TMR 9-4815zzzzzzzz (f), TMR 9-4821zzzzzzzz (f), TMR 9-4822zzzzzzzz (f), TMR 9-4823zzzzzzzz
(f), THN 15-1215aaaaaaaa (\$), THN 15-1225aaaaaaaa (\$), THN 15-2415aaaaaaaa (\$),
THN 15-2425aaaaaaaa (\$), THN 15-4815aaaaaaaa (\$), THN 15-4825aaaaaaaa (\$),
THN 15-2415Wlaaaaaaaaa (\$), THN 15-2425Wlaaaaaaaaa (\$), THN 15-4815Wlaaaaaaaaa (\$),
THN 15-4825Wlaaaaaaaaa (\$), THN 20-1215aaaaaaaa (\$), THN 20-1225aaaaaaaa (\$),
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THN 20-4825aaaaaaaa (\$), THN 20-2415Wlaaaaaaaaa (\$), THN 20-2425Wlaaaaaaaaa (\$),
THN 20-4815Wlaaaaaaaaa (\$), THN 20-4825Wlaaaaaaaaa (\$), THN 15-1210aaaaaa (e),
THN 15-1211aaaaaa (e), THN 15-1212aaaaaa (e), THN 15-1213aaaaaa (e), THN 15-1221aaaaaa (e),
THN 15-1222aaaaaa (e), THN 15-1223aaaaaa (e), THN 15-2410aaaaaa (e), THN 15-2411aaaaaa (e),
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THN 15-2423aaaaaa (e), THN 15-4810aaaaaa (e), THN 15-4811aaaaaa (e), THN 15-4812aaaaaa (e),
THN 15-4813aaaaaa (e), THN 15-4821aaaaaa (e), THN 15-4822aaaaaa (e), THN 15-4823aaaaaa (e),
THN 15-2410Wlaaaaaaa (e), THN 15-2411Wlaaaaaaa (e), THN 15-2412Wlaaaaaaa (e),
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THN 15-4812Wlaaaaaaa (e), THN 15-4813Wlaaaaaaa (e), THN 15-4821Wlaaaaaaa (e),

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THN 15-4822WIRaaaaaaa (e), THN 15-4823WIRaaaaaaa (e), TEN 40-2410WIRaaaaaaa (e),
TEN 40-2411WIRaaaaaaa (e), TEN 40-2412WIRaaaaaaa (e), TEN 40-2413WIRaaaaaaa (e),
TEN 40-2415WIRaaaaaaa (e), TEN 40-2422WIRaaaaaaa (e), TEN 40-2423WIRaaaaaaa (e),
TEN 40-2425WIRaaaaaaa (e), TEN 40-4810WIRaaaaaaa (e), TEN 40-4811WIRaaaaaaa (e),
TEN 40-4812WIRaaaaaaa (e), TEN 40-4813WIRaaaaaaa (e), TEN 40-4815WIRaaaaaaa (e),
TEN 40-4822WIRaaaaaaa (e), TEN 40-4823WIRaaaaaaa (e), TEN 40-4825WIRaaaaaaa (e),

TMR 3-0519z1z1z1z1z1z1 (b),
TMR 3-1219z1z1z1z1z1z1 (b), TMR 3-2419z1z1z1z1z1z1 (b), TMR 3-4819z1z1z1z1z1z1 (b),
TEN 40-1234, TEQ 300-4812WIRaaaaaaa (e), TEQ 300-4813WIRaaaaaaa (e),
TEQ 300-4815WIRaaaaaaa (e), TEQ 300-4816WIRaaaaaaa (e), TEQ 300-4818WIRaaaaaaa (e),
TEQ 300-7212WIRaaaaaaa (e), TEQ 300-7213WIRaaaaaaa (e), TEQ 300-7215WIRaaaaaaa (e),
TEQ 300-7216WIRaaaaaaa (e), TEQ 300-7218WIRaaaaaaa (e), THN 15-2410WIRzzzzz (f),
THN 15-2411WIRzzzzz (f), THN 15-2412WIRzzzzz (f), THN 15-2413WIRzzzzz (f),
THN 15-2415WIRzzzzz (f), THN 15-2421WIRzzzzz (f), THN 15-2422WIRzzzzz (f),
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TEQ 40-7213WIRaaaaaaa (e), TEQ 40-7215WIRaaaaaaa (e), THN 15-1210Nzzzzzzzzzz (f),
THN 15-1211Nzzzzzzzzzz (f), THN 15-1212Nzzzzzzzzzz (f), THN 15-1213Nzzzzzzzzzz (f),
THN 15-1215Nzzzzzzzzzz (f), THN 15-1221Nzzzzzzzzzz (f), THN 15-1222Nzzzzzzzzzz (f),
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THN 15-4823Nzzzzzzzzzz (f), THN 15-4825Nzzzzzzzzzz (f), TIM 2-0910zzzzzzzzzz,
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TIM 2-2412zzzzzzzzzz (f), TIM 2-2413zzzzzzzzzz (f), TIM 2-2415zzzzzzzzzz (f), TIM 2-2422zzzzzzzzzz (f),


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TIM 2-2423zzzzzzzz (f), TIM 2-4810zzzzzzzz (f), TIM 2-4811zzzzzzzz (f), TIM 2-4819zzzzzzzz (f),
TIM 2-4812zzzzzzzz (f), TIM 2-4813zzzzzzzz (f), TIM 2-4815zzzzzzzz (f), TIM 2-4822zzzzzzzz (f),
TIM 2-4823zzzzzzzz (f), TIM 2-0910SMzzzzzzzz (f), TIM 2-0911SMzzzzzzzz (f),
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TIM 2-2411SMzzzzzzzz (f), TIM 2-2419SMzzzzzzzz (f), TIM 2-2412SMzzzzzzzz (f),
TIM 2-2413SMzzzzzzzz (f), TIM 2-2415SMzzzzzzzz (f), TIM 2-2422SMzzzzzzzz (f),
TIM 2-2423SMzzzzzzzz (f), TIM 2-4810SMzzzzzzzz (f), TIM 2-4811SMzzzzzzzz (f),
TIM 2-4819SMzzzzzzzz (f), TIM 2-4812SMzzzzzzzz (f), TIM 2-4813SMzzzzzzzz (f),
TIM 2-4815SMzzzzzzzz (f), TIM 2-4822SMzzzzzzzz (f), TIM 2-4823SMzzzzzzzz (f),
TIM 3.5-0911zzzzzzzz (f), TIM 3.5-0919zzzzzzzz (f), TIM 3.5-0912zzzzzzzz (f),
TIM 3.5-0913zzzzzzzz (f), TIM 3.5-0915zzzzzzzz (f), TIM 3.5-0922zzzzzzzz (f),
TIM 3.5-0923zzzzzzzz (f), TIM 3.5-1211zzzzzzzz (f), TIM 3.5-1219zzzzzzzz (f),
TIM 3.5-1212zzzzzzzz (f), TIM 3.5-1213zzzzzzzz (f), TIM 3.5-1215zzzzzzzz (f),
TIM 3.5-1222zzzzzzzz (f), TIM 3.5-1223zzzzzzzz (f), TIM 3.5-2411zzzzzzzz (f),
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TIM 3.5-4822SMzzzzzzzz (f), TIM 3.5-4823SMzzzzzzzz (f), TPP 15-103BA-Jzzzzzzzz (f),
TPP 15-105BA-Jzzzzzzzz (f), TPP 15-107BA-Jzzzzzzzz (f), TPP 15-109BA-Jzzzzzzzz (f),
TPP 15-112BA-Jzzzzzzzz (f), TPP 15-115BA-Jzzzzzzzz (f), TPP 15-118BA-Jzzzzzzzz (f),
TPP 15-124BA-Jzzzzzzzz (f), TPP 15-128BA-Jzzzzzzzz (f), TPP 15-136BA-Jzzzzzzzz (f),
TPP 15-148BA-Jzzzzzzzz (f), TPP 15-153BA-Jzzzzzzzz (f), TPP 15-103BAzzzzzzzz (f),
TPP 15-105BAzzzzzzzz (f), TPP 15-107BAzzzzzzzz (f), TPP 15-109BAzzzzzzzz (f),
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TPP 15-148BA-Mzzzzzzzz (f), TPP 15-153BA-Mzzzzzzzz (f), TPP 15-103A-Jzzzzzzzz (f),



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CERTIFICATE OF COMPLIANCE

Certificate Number E188913
Report Reference E188913-20051104
Issue Date 2021-AUGUST-28

TPP 15-105A-Jzzzzzzzz (f), TPP 15-107A-Jzzzzzzzz (f), TPP 15-109A-Jzzzzzzzz (f),
TPP 15-112A-Jzzzzzzzz (f), TPP 15-115A-Jzzzzzzzz (f), TPP 15-118A-Jzzzzzzzz (f),
TPP 15-124A-Jzzzzzzzz (f), TPP 15-128A-Jzzzzzzzz (f), TPP 15-136A-Jzzzzzzzz (f),
TPP 15-148A-Jzzzzzzzz (f), TPP 15-153A-Jzzzzzzzz (f), TPP 15-103Azzzzzzzz (f),
TPP 15-105Azzzzzzzz (f), TPP 15-107Azzzzzzzz (f), TPP 15-109Azzzzzzzz (f),
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TPP 15-124Azzzzzzzz (f), TPP 15-128Azzzzzzzz (f), TPP 15-136Azzzzzzzz (f),
TPP 15-148Azzzzzzzz (f), TPP 15-153Azzzzzzzz (f), TPP 15-103A-Mzzzzzzzz (f),
TPP 15-105A-Mzzzzzzzz (f), TPP 15-107A-Mzzzzzzzz (f), TPP 15-109A-Mzzzzzzzz (f),
TPP 15-112A-Mzzzzzzzz (f), TPP 15-115A-Mzzzzzzzz (f), TPP 15-118A-Mzzzzzzzz (f),
TPP 15-124A-Mzzzzzzzz (f), TPP 15-128A-Mzzzzzzzz (f), TPP 15-136A-Mzzzzzzzz (f),
TPP 15-148A-Mzzzzzzzz (f), TPP 15-153A-Mzzzzzzzz (f), TPP 15-103A-Dzzzzzzzz (f),
TPP 15-105A-Dzzzzzzzz (f), TPP 15-107A-Dzzzzzzzz (f), TPP 15-109A-Dzzzzzzzz (f),
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TPP 15-148A-Dzzzzzzzz (f), TPP 15-153A-Dzzzzzzzz (f), TPP 15-103-Jzzzzzzzz (f),
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TPP 15-148-Mzzzzzzzz (f), TPP 15-153-Mzzzzzzzz (f), TPP 15-103B-Mzzzzzzzz (f),
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TPP 15-112B-Mzzzzzzzz (f), TPP 15-115B-Mzzzzzzzz (f), TPP 15-118B-Mzzzzzzzz (f),
TPP 15-124B-Mzzzzzzzz (f), TPP 15-128B-Mzzzzzzzz (f), TPP 15-136B-Mzzzzzzzz (f),
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TPP 15-148-Dzzzzzzzz (f), TPP 15-153-Dzzzzzzzz (f), TPP 15-103A2-Jzzzzzzzz (f),
TPP 15-105A2-Jzzzzzzzz (f), TPP 15-107A2-Jzzzzzzzz (f), TPP 15-109A2-Jzzzzzzzz (f),
TPP 15-112A2-Jzzzzzzzz (f), TPP 15-115A2-Jzzzzzzzz (f), TPP 15-118A2-Jzzzzzzzz (f),
TPP 15-124A2-Jzzzzzzzz (f), TPP 15-128A2-Jzzzzzzzz (f), TPP 15-136A2-Jzzzzzzzz (f),
TPP 15-148A2-Jzzzzzzzz (f), TPP 15-153A2-Jzzzzzzzz (f), TPP 15-103A2zzzzzzzz (f),
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TPP 15-148A2zzzzzzzz (f), TPP 15-153A2zzzzzzzz (f), TPP 15-103A2-Mzzzzzzzz (f),
TPP 15-105A2-Mzzzzzzzz (f), TPP 15-107A2-Mzzzzzzzz (f), TPP 15-109A2-Mzzzzzzzz (f),



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CERTIFICATE OF COMPLIANCE

Certificate Number E188913
Report Reference E188913-20051104
Issue Date 2021-AUGUST-28

TPP 15-112A2-Mzzzzzzzz (f), TPP 15-115A2-Mzzzzzzzz (f), TPP 15-118A2-Mzzzzzzzz (f),
TPP 15-124A2-Mzzzzzzzz (f), TPP 15-128A2-Mzzzzzzzz (f), TPP 15-136A2-Mzzzzzzzz (f),
TPP 15-148A2-Mzzzzzzzz (f), TPP 15-153A2-Mzzzzzzzz (f), TPP 30-103BA-Jzzzzzzzz (f),
TPP 30-105BA-Jzzzzzzzz (f), TPP 30-107BA-Jzzzzzzzz (f), TPP 30-109BA-Jzzzzzzzz (f),
TPP 30-112BA-Jzzzzzzzz (f), TPP 30-112.1BA-Jzzzzzzzz (f), TPP 30-115BA-Jzzzzzzzz (f),
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TPP 30-124BA2zzzzzzzz (f), TPP 30-128BA2zzzzzzzz (f), TPP 30-136BA2zzzzzzzz (f),



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CERTIFICATE OF COMPLIANCE

Certificate Number E188913
Report Reference E188913-20051104
Issue Date 2021-AUGUST-28

TPP 30-148BA2zzzzzzzz (f), TPP 30-153BA2zzzzzzzz (f), TPP 30-103A-Jzzzzzzzz (f),
TPP 30-105A-Jzzzzzzzz (f), TPP 30-107A-Jzzzzzzzz (f), TPP 30-109A-Jzzzzzzzz (f),
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TPP 30-115.1A-Jzzzzzzzz (f), TPP 30-118A-Jzzzzzzzz (f), TPP 30-124A-Jzzzzzzzz (f),
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TPP 30-112.1A2-Mzzzzzzzz (f), TPP 30-115A2-Mzzzzzzzz (f), TPP 30-115.1A2-Mzzzzzzzz (f),



Bruce Mahrenholz, Director North American Certification Program
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CERTIFICATE OF COMPLIANCE

Certificate Number E188913
Report Reference E188913-20051104
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TPP 30-118A2-Mzzzzzzzz (f), TPP 30-124A2-Mzzzzzzzz (f), TPP 30-128A2-Mzzzzzzzz (f),
TPP 30-136A2-Mzzzzzzzz (f), TPP 30-148A2-Mzzzzzzzz (f), TPP 30-153A2-Mzzzzzzzz (f),
TPP 30-103A2zzzzzzzz (f), TPP 30-105A2zzzzzzzz (f), TPP 30-107A2zzzzzzzz (f),
TPP 30-109A2zzzzzzzz (f), TPP 30-112A2zzzzzzzz (f), TPP 30-112.1A2zzzzzzzz (f),
TPP 30-115A2zzzzzzzz (f), TPP 30-115.1A2zzzzzzzz (f), TPP 30-118A2zzzzzzzz (f),
TPP 30-124A2zzzzzzzz (f), TPP 30-128A2zzzzzzzz (f), TPP 30-136A2zzzzzzzz (f),
TPP 30-148A2zzzzzzzz (f), TPP 30-153A2zzzzzzzz (f), TMR 6-2410WIRzzzzzzzz,
TMR 6-2411WIRzzzzzzzz, TMR 6-2419WIRzzzzzzzz, TMR 6-2412WIRzzzzzzzz,
TMR 6-2413WIRzzzzzzzz, TMR 6-2415WIRzzzzzzzz, TMR 6-2421WIRzzzzzzzz,
TMR 6-2422WIRzzzzzzzz, TMR 6-2423WIRzzzzzzzz, TMR 6-4810WIRzzzzzzzz,
TMR 6-4811WIRzzzzzzzz, TMR 6-4819WIRzzzzzzzz, TMR 6-4812WIRzzzzzzzz,
TMR 6-4813WIRzzzzzzzz, TMR 6-4815WIRzzzzzzzz, TMR 6-4821WIRzzzzzzzz,
TMR 6-4822WIRzzzzzzzz, TMR 6-7210WIRzzzzzzzz, TMR 6-7211WIRzzzzzzzz,
TMR 6-7219WIRzzzzzzzz, TMR 6-7212WIRzzzzzzzz, TMR 6-7213WIRzzzzzzzz,
TMR 6-7215WIRzzzzzzzz, TMR 6-7221WIRzzzzzzzz, TMR 6-7222WIRzzzzzzzz,
TMR 6-7223WIRzzzzzzzz, TMR 3-2410WIRzzzzzzzz, TMR 3-2411WIRzzzzzzzz,
TMR 3-2419WIRzzzzzzzz, TMR 3-2412WIRzzzzzzzz, TMR 3-2413WIRzzzzzzzz,
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TMR 3-4819WIRzzzzzzzz, TMR 3-4812WIRzzzzzzzz, TMR 3-4813WIRzzzzzzzz,
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TMR 3-7219WIRzzzzzzzz, TMR 3-7212WIRzzzzzzzz, TMR 3-7213WIRzzzzzzzz,
TMR 3-7215WIRzzzzzzzz, TMR 3-7221WIRzzzzzzzz, TMR 3-7222WIRzzzzzzzz,
TMR 3-7223WIRzzzzzzzz, THM 15-2411Wlzzzzzzzz, THM 15-2412Wlzzzzzzzz,
THM 15-2413Wlzzzzzzzz, THM 15-2415Wlzzzzzzzz, THM 15-2421Wlzzzzzzzz,
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THM 20-2411Wlzzzzzzzz, THM 20-2412Wlzzzzzzzz, THM 20-2413Wlzzzzzzzz,
THM 20-2415Wlzzzzzzzz, THM 20-2421Wlzzzzzzzz, THM 20-2422Wlzzzzzzzz,
THM 20-2423Wlzzzzzzzz, THM 20-4811Wlzzzzzzzz, THM 20-4812Wlzzzzzzzz,
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THM 30-2412Wlzzzzzzzz, THM 30-2413Wlzzzzzzzz, THM 30-2415Wlzzzzzzzz,
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THM 15-1211zzzzzzzz, THM 15-1212zzzzzzzz, THM 15-1213zzzzzzzz, THM 15-1215zzzzzzzz,
THM 15-1221zzzzzzzz, THM 15-1222zzzzzzzz, THM 15-1223zzzzzzzz, THM 15-2411zzzzzzzz,
THM 15-2412zzzzzzzz, THM 15-2413zzzzzzzz, THM 15-2415zzzzzzzz, THM 15-2421zzzzzzzz,
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THM 15-4823zzzzzzzz, THM 20-1211zzzzzzzz, THM 20-1212zzzzzzzz, THM 20-1213zzzzzzzz,



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THM 20-1215zzzzzzzz, THM 20-1221zzzzzzzz, THM 20-1222zzzzzzzz, THM 20-1223zzzzzzzz,
THM 20-2411zzzzzzzz, THM 20-2412zzzzzzzz, THM 20-2413zzzzzzzz, THM 20-2415zzzzzzzz,
THM 20-2421zzzzzzzz, THM 20-2422zzzzzzzz, THM 20-2423zzzzzzzz, THM 20-4811zzzzzzzz,
THM 20-4812zzzzzzzz, THM 20-4813zzzzzzzz, THM 20-4815zzzzzzzz, THM 20-4822zzzzzzzz,
THM 20-4823zzzzzzzz, THM 30-1211zzzzzzzz, THM 30-1212zzzzzzzz, THM 30-1213zzzzzzzz,
THM 30-1215zzzzzzzz, THM 30-1221zzzzzzzz, THM 30-1222zzzzzzzz, THM 30-1223zzzzzzzz,
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THM 30-2421zzzzzzzz, THM 30-2422zzzzzzzz, THM 30-2423zzzzzzzz, THM 30-4811zzzzzzzz,
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THM 30-4822zzzzzzzz, THM 30-4823zzzzzzzz, THM 15-12S10zzzzzzzz, THM 15-1214zzzzzzzz,
THM 15-24S10zzzzzzzz, THM 15-2414zzzzzzzz, THM 15-48S10zzzzzzzz, THM 15-4814zzzzzzzz,
THM 15-24S10Wlzzzzzzzz, THM 15-2414Wlzzzzzzzz, THM 15-48S10Wlzzzzzzzz,
THM 15-4814Wlzzzzzzzz, THM 20-12S10zzzzzzzz, THM 20-1214zzzzzzzz, THM 20-24S10zzzzzzzz,
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THM 30-12S10zzzzzzzz, THM 30-1214zzzzzzzz, THM 30-24S10zzzzzzzz, THM 30-2414zzzzzzzz,
THM 30-48S10zzzzzzzz, THM 30-4814zzzzzzzz, THM 30-24S10Wlzzzzzzzz,
THM 30-2414Wlzzzzzzzz, THM 30-48S10Wlzzzzzzzz, THM 30-4814Wlzzzzzzzz,
TPP 450-112A-MB4zzzzzzzz, TPP 450-115A-MB4zzzzzzzz, TPP 450-118A-MB4zzzzzzzz,
TPP 450-124A-MB4zzzzzzzz, TPP 450-128A-MB4zzzzzzzz, TPP 450-136A-MB4zzzzzzzz,
TPP 450-142A-MB4zzzzzzzz, TPP 450-148A-MB4zzzzzzzz, TPP 450-153A-MB4zzzzzzzz,
TPP 450-112A-Mzzzzzzzz, TPP 450-115A-Mzzzzzzzz, TPP 450-118A-Mzzzzzzzz,
TPP 450-124A-Mzzzzzzzz, TPP 450-128A-Mzzzzzzzz, TPP 450-136A-Mzzzzzzzz,
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TPP 450-112-MB5zzzzzzzz, TPP 450-115-MB5zzzzzzzz, TPP 450-118-MB5zzzzzzzz,
TPP 450-124-MB5zzzzzzzz, TPP 450-128-MB5zzzzzzzz, TPP 450-136-MB5zzzzzzzz,
TPP 450-142-MB5zzzzzzzz, TPP 450-148-MB5zzzzzzzz, TPP 450-153-MB5zzzzzzzz,
TPP 450-112-MB6zzzzzzzz, TPP 450-115-MB6zzzzzzzz, TPP 450-118-MB6zzzzzzzz,
TPP 450-124-MB6zzzzzzzz, TPP 450-128-MB6zzzzzzzz, TPP 450-136-MB6zzzzzzzz,
TPP 450-142-MB6zzzzzzzz, TPP 450-148-MB6zzzzzzzz, TPP 450-153-MB6zzzzzzzz,
TPP 450-112-MB3zzzzzzzz, TPP 450-115-MB3zzzzzzzz, TPP 450-118-MB3zzzzzzzz,
TPP 450-124-MB3zzzzzzzz, TPP 450-128-MB3zzzzzzzz, TPP 450-136-MB3zzzzzzzz,
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TPP 450-112-MB1zzzzzzzz, TPP 450-118-MB1zzzzzzzz, TPP 450-124-MB1zzzzzzzz,
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TPP 450-148-MB1zzzzzzzz, TPP 450-153-MB1zzzzzzzz, TPP 450-112-MB2zzzzzzzz,
TPP 450-115-MB2zzzzzzzz, TPP 450-118-MB2zzzzzzzz, TPP 450-124-MB2zzzzzzzz,
TPP 450-128-MB2zzzzzzzz, TPP 450-136-MB2zzzzzzzz, TPP 450-142-MB2zzzzzzzz,
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TPP 450-115-Mzzzzzzzz, TPP 450-118-Mzzzzzzzz, TPP 450-124-Mzzzzzzzz,
TPP 450-128-Mzzzzzzzz, TPP 450-136-Mzzzzzzzz, TPP 450-142-Mzzzzzzzz,
TPP 450-148-Mzzzzzzzz, TPP 450-153-Mzzzzzzzz, TPI 450-112BA-MB4zzzzzzzz,
TPI 450-115BA-MB4zzzzzzzz, TPI 450-118BA-MB4zzzzzzzz, TPI 450-124BA-MB4zzzzzzzz,
TPI 450-128BA-MB4zzzzzzzz, TPI 450-136BA-MB4zzzzzzzz, TPI 450-142BA-MB4zzzzzzzz,



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TPI 450-148BA-MB4zzzzzzzz, TPI 450-153BA-MB4zzzzzzzz, TPI 450-112BA-Mzzzzzzzz,
TPI 450-115BA-Mzzzzzzzz, TPI 450-118BA-Mzzzzzzzz, TPI 450-124BA-Mzzzzzzzz,
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TPI 450-148BA-Mzzzzzzzz, TPI 450-153BA-Mzzzzzzzz, TPI 450-112B-MB3zzzzzzzz,
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TPI 450-153-MB5zzzzzzzz

Where "z1" - can be any alphanumeric character, "-" or blank for market purpose.

Where "z" may be any alphanumeric character, "-" or blank for market purpose.

Where "a" may be any alphanumeric character, "-" or blank for market purpose.

(#) - Where "a" may be any alphanumeric character, punctuation mark or blank.

(b) - Where z1 may be any alphanumeric character, "-" or blank for market purpose.

(d) - Where "z" may be any alphanumeric character, "-" or blank for market purpose.

(e) - Where "a" may be any alphanumeric character, "-" or blank for market purpose.

(f) - Where "z" may be any alphanumeric character, "-" or blank for market purpose.

(\$) - Where "a" may be any alphanumeric character, "-" or blank.



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(QQGQ2/8 & QQJQ2/8):


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Note: z can be any alphanumeric or dash or blank

DC-DC Converter (QQJQ2/8)

TEN 40-11011WIRHaaaaaa
TEN 40-11012WIRHaaaaaa
TEN 40-11013WIRHaaaaaa
TEN 40-11015WIRHaaaaaa
TEN 40-11022WIRHaaaaaa
TEN 40-11023WIRHaaaaaa

Note: a = alphanumeric, "-", "/" or blank for marketing purposes



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QQJQ2/8

THN 15-1221zzzzzz, THN 15-1222zzzzzz, THN 15-1223zzzzzz, THN 15-1210zzzzzz, THN 15-1211zzzzzz, THN 15-1212zzzzzz, THN 15-1213zzzzzz, THN 15-1221zzzzzz, THN 15-1222zzzzzz, THN 15-1223zzzzzz, THN 15-2410zzzzzz, THN 15-2411zzzzzz, THN 15-2412zzzzzz, THN 15-2413zzzzzz, THN 15-2421zzzzzz, THN 15-2422zzzzzz, THN 15-2423zzzzzz, THN 15-4810zzzzzz, THN 15-4811zzzzzz, THN 15-4812zzzzzz, THN 15-4813zzzzzz, THN 15-4821zzzzzz, THN 15-4822zzzzzz, THN 15-4823zzzzzz, THN 15-2410Wlzzzzzz, THN 15-2411Wlzzzzzz, THN 15-2412Wlzzzzzz, THN 15-2413Wlzzzzzz, THN 15-2421Wlzzzzzz, THN 15-2422Wlzzzzzz, THN 15-2423Wlzzzzzz, THN 15-4810Wlzzzzzz, THN 15-4811Wlzzzzzz, THN 15-4812Wlzzzzzz, THN 15-4813Wlzzzzzz, THN 15-4821Wlzzzzzz, THN 15-4822Wlzzzzzz, THN 15-4823Wlzzzzzz, TEP 150-7212Wlzzzzzz, TEP 150-7213Wlzzzzzz, TEP 150-7215Wlzzzzzz, TEP 150-7216Wlzzzzzz, TEP 150-7218Wlzzzzzz, TEP 150-7212WI-Ozzzzzz, TEP 150-7213WI-Ozzzzzz, TEP 150-7215WI-Ozzzzzz, TEP 150-7216WI-Ozzzzzz, TEP 150-7218WI-Ozzzzzz, TEP 150-7212WI-Fzzzzzz, TEP 150-7213WI-Fzzzzzz, TEP 150-7215WI-Fzzzzzz, TEP 150-7216WI-Fzzzzzz, TEP 150-7218WI-Fzzzzzz, TMR 3-1210WIHI zzzzzz, TMR 3-1211WIHI zzzzzz, TMR 3-1219WIHI zzzzzz, TMR 3-1212WIHI zzzzzz, TMR 3-1213WIHI zzzzzz, TMR 3-1221WIHI zzzzzz, TMR 3-1222WIHI zzzzzz, TMR 3-1223WIHI zzzzzz, TMR 3-2410WIHI zzzzzz, TMR 3-2411WIHI zzzzzz, TMR 3-2419WIHI zzzzzz, TMR 3-2412WIHI zzzzzz, TMR 3-2413WIHI zzzzzz, TMR 3-2421WIHI zzzzzz, TMR 3-2422WIHI zzzzzz, TMR 3-2423WIHI zzzzzz, TMR 3-4810WIHI zzzzzz, TMR 3-4811WIHI zzzzzz, TMR 3-4819WIHI zzzzzz, TMR 3-4812WIHI zzzzzz, TMR 3-4813WIHI zzzzzz, TMR 3-4821WIHI zzzzzz, TMR 3-4822WIHI zzzzzz, TMR 3-4823WIHI zzzzzz, TMR 3-0519 zzzzzz, TMR 3-1219 zzzzzz, TMR 3-2419 zzzzzz, TMR 3-4819 zzzzzz, TEP 160-1218zzzzzz, TEP 160-2418zzzzzz, TEP 160-4818zzzzzz, TEP 160-48153zzzzzz, TEP 160-2418WIRzzzzzz, TEP 160-4818WIRzzzzzz, TEP 160-7218WIRzzzzzz, TEP 200-1218zzzzzz, TEP 200-2418zzzzzz, TEP 200-4818zzzzzz, TEP 200-48153zzzzzz, TEP 200-2418WIRzzzzzz, TEP 200-4818WIRzzzzzz, TEP 200-7218WIRzzzzzz, TEP 100-2418WIRzzzzzz, TEP 100-4818WIRzzzzzz, THN 30-1210zzzzzz, THN 30-1211zzzzzz, THN 30-1212zzzzzz, THN 30-1213zzzzzz, THN 30-1215zzzzzz, THN 30-1222zzzzzz, THN 30-1223zzzzzz, THN 30-1225zzzzzz, THN 30-2410zzzzzz, THN 30-2411zzzzzz, THN 30-2412zzzzzz, THN 30-2413zzzzzz, THN 30-2415zzzzzz, THN 30-2422zzzzzz, THN 30-2423zzzzzz, THN 30-2425zzzzzz, THN 30-4810zzzzzz, THN 30-4811zzzzzz, THN 30-4812zzzzzz, THN 30-4813zzzzzz, THN 30-4815zzzzzz, THN 30-4822zzzzzz, THN 30-4823zzzzzz, THN 30-4825zzzzzz, THN 30-2410Wlzzzzzz, THN 30-2411Wlzzzzzz, THN 30-2412Wlzzzzzz, THN 30-2413Wlzzzzzz, THN 30-2415Wlzzzzzz, THN 30-2422Wlzzzzzz, THN 30-2423Wlzzzzzz, THN 30-2425Wlzzzzzz, THN 30-4810Wlzzzzzz, THN 30-4811Wlzzzzzz, THN 30-4812Wlzzzzzz, THN 30-4813Wlzzzzzz, THN 30-4815Wlzzzzzz, THN 30-4822Wlzzzzzz, THN 30-4823Wlzzzzzz, THN 30-4825Wlzzzzzz, THN 15-1215zzzzzz, THN 15-1225zzzzzz, THN 15-2415zzzzzz, THN 15-2425zzzzzz, THN 15-4815zzzzzz, THN 15-4825zzzzzz, THN 15-2415Wlzzzzzz, THN 15-2425Wlzzzzzz, THN 15-4815Wlzzzzzz, THN 15-4825Wlzzzzzz, THN 20-1215zzzzzz, THN 20-1225zzzzzz, THN 20-2415zzzzzz, THN 20-2425zzzzzz, THN 20-4815zzzzzz, THN 20-4825zzzzzz, THN 20-2415Wlzzzzzz, THN 20-2425Wlzzzzzz, THN 20-4815Wlzzzzzz, THN 20-4825Wlzzzzzz, THD 15-2410WINzzzzzz, THD 15-2411WINzzzzzz, THD 15-2412WINzzzzzz, THD 15-2413WINzzzzzz, THD 15-2421WINzzzzzz, THD 15-2422WINzzzzzz, THD 15-2423WINzzzzzz, THD 15-4810WINzzzzzz, THD 15-4811WINzzzzzz, THD 15-4812WINzzzzzz, THD 15-4813WINzzzzzz, THD 15-4821WINzzzzzz, THD 15-4822WINzzzzzz, THD 15-4823WINzzzzzz, THD 15-1210Nzzzzzz, THD 15-1211Nzzzzzz, THD 15-1212Nzzzzzz, THD 15-1213Nzzzzzz, THD 15-1221Nzzzzzz, THD 15-1222Nzzzzzz, THN 20-

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1213zzzzzz, THN 20-1222zzzzzz, THN 20-1223zzzzzz, THN 20-2410zzzzzz, THN 20-4813zzzzzz, THN 20-4822zzzzzz, THN 20-4823zzzzzz, THD 15-1223Nzzzzzz, THD 15-2410Nzzzzzz, THD 15-2411Nzzzzzz, THD 15-2412Nzzzzzz, THD 15-2413Nzzzzzz, THD 15-2421Nzzzzzz, THD 15-2422Nzzzzzz, THD 15-2423Nzzzzzz, THD 15-4810Nzzzzzz, THD 15-4811Nzzzzzz, THD 15-4812Nzzzzzz, THD 15-4813Nzzzzzz, THD 15-4821Nzzzzzz, THD 15-4822Nzzzzzz, THD 15-4823Nzzzzzz, THN 20-2410Wizzzzzz, THN 20-2411Wizzzzzz, THN 20-2412Wizzzzzz, THN 20-2413Wizzzzzz, THN 20-2422Wizzzzzz, THN 20-2423Wizzzzzz, THN 20-4810Wizzzzzz, THN 20-4811Wizzzzzz, THN 20-4812Wizzzzzz, THN 20-4813Wizzzzzz, THN 20-4822Wizzzzzz, THN 20-4823Wizzzzzz, THN 20-1210zzzzzz, THN 20-1211zzzzzz, THN 20-1212zzzzzz, THN 20-2411zzzzzz, THN 20-2412zzzzzz, THN 20-2413zzzzzz, THN 20-2422zzzzzz, THN 20-2423zzzzzz, THN 20-4810zzzzzz, THN 20-4811zzzzzz, THN 20-4812zzzzzz, THM 3-0510Wizzzzzz, THM 3-0511Wizzzzzz, THM 3-0512Wizzzzzz, THM 3-0513Wizzzzzz, THM 3-0515Wizzzzzz, THM 3-0521Wizzzzzz, THM 3-0522Wizzzzzz, THM 3-0523Wizzzzzz, THM 3-2410Wizzzzzz, THM 3-2411Wizzzzzz, THM 3-2412Wizzzzzz, THM 3-2413Wizzzzzz, THM 3-2415Wizzzzzz, THM 3-2421Wizzzzzz, THM 3-2422Wizzzzzz, THM 3-2423Wizzzzzz, THM 3-4810Wizzzzzz, THM 3-4811Wizzzzzz, THM 3-4812Wizzzzzz, THM 3-4813Wizzzzzz, THM 3-4815Wizzzzzz, THM 3-4821Wizzzzzz, THM 3-4822Wizzzzzz, THM 3-0512WIAzzzzzz, THM 3-0513WIAzzzzzz, THM 3-0515WIAzzzzzz, THM 3-0521WIAzzzzzz, THM 3-0522WIAzzzzzz, THM 3-0523WIAzzzzzz, THM 3-2410WIAzzzzzz, THM 3-2411WIAzzzzzz, THM 3-2412WIAzzzzzz, THM 3-2413WIAzzzzzz, THM 3-2415WIAzzzzzz, THM 3-2421WIAzzzzzz, THM 3-2422WIAzzzzzz, THM 3-2423WIAzzzzzz, THM 3-4810WIAzzzzzz, THM 3-4811WIAzzzzzz, THM 3-4812WIAzzzzzz, THM 3-4813WIAzzzzzz, THM 3-4815WIAzzzzzz, THM 3-4821WIAzzzzzz, THM 3-4822WIAzzzzzz, THM 3-4823WIAzzzzzz, THM 3-1210zzzzzz, THM 3-1211zzzzzz, THM 3-1212zzzzzz, THM 3-1213zzzzzz, THM 3-1215zzzzzz, THM 3-1221zzzzzz, THM 3-1222zzzzzz, THM 3-1223zzzzzz, THM 3-2410zzzzzz, THM 3-2411zzzzzz, THM 3-2412zzzzzz, THM 3-2413zzzzzz, THM 3-2415zzzzzz, THM 3-2421zzzzzz, THM 3-2422zzzzzz, THM 3-2423zzzzzz, THM 3-4810zzzzzz, THM 3-4811zzzzzz, THM 3-4812zzzzzz, THM 3-4813zzzzzz, THM 3-4815zzzzzz, THM 3-4821zzzzzz, THM 3-4822zzzzzz, THM 3-4823zzzzzz, THM 3-1210Azzzzzz, THM 3-1211Azzzzzz, THM 3-1212Azzzzzz, THM 3-1213Azzzzzz, THM 3-1215Azzzzzz, THM 3-1221Azzzzzz, THM 3-1222Azzzzzz, THM 3-1223Azzzzzz, THM 3-2410Azzzzzz, THM 3-2411Azzzzzz, THM 3-2412Azzzzzz, THM 3-2413Azzzzzz, THM 3-2415Azzzzzz, THM 3-2421Azzzzzz, THM 3-2422Azzzzzz, THM 3-2423Azzzzzz, THM 3-4810Azzzzzz, THM 3-4811Azzzzzz, THM 3-4812Azzzzzz, THM 3-4813Azzzzzz, THM 3-4815Azzzzzz, THM 3-4821Azzzzzz, THM 3-4822Azzzzzz, THM 3-4823Azzzzzz, THM 3-0510WIOzzzzzz, THM 3-0511WIOzzzzzz, THM 3-0512WIOzzzzzz, THM 3-0513WIOzzzzzz, THM 3-0515WIOzzzzzz, THM 3-0521WIOzzzzzz, THM 3-0522WIOzzzzzz, THM 3-0523WIOzzzzzz, THM 3-2410WIOzzzzzz, THM 3-2411WIOzzzzzz, THM 3-2412WIOzzzzzz, THM 3-2413WIOzzzzzz, THM 3-2415WIOzzzzzz, THM 3-2421WIOzzzzzz, THM 3-2422WIOzzzzzz, THM 3-2423WIOzzzzzz, THM 3-4810WIOzzzzzz, THM 3-4811WIOzzzzzz, THM 3-4812WIOzzzzzz, THM 3-4813WIOzzzzzz, THM 3-0510WIAzzzzzz, THM 3-0511WIAzzzzzz, THM 3-4815WIOzzzzzz, THM 3-4821WIOzzzzzz, THM 3-4822WIOzzzzzz, THM 3-4823WIOzzzzzz, THM 3-0510WIOAzzzzzz, THM 3-0511WIOAzzzzzz, THM 3-0512WIOAzzzzzz, THM 3-0513WIOAzzzzzz, THM 3-0515WIOAzzzzzz, THM 3-0521WIOAzzzzzz, THM 3-0522WIOAzzzzzz, THM 3-0523WIOAzzzzzz, THM 3-2410WIOAzzzzzz, THM 3-2411WIOAzzzzzz, THM 3-2412WIOAzzzzzz, THM 3-2413WIOAzzzzzz, THM 3-2415WIOAzzzzzz, THM 3-2421WIOAzzzzzz, THM 3-2422WIOAzzzzzz, THM 3-2423WIOAzzzzzz, THM 3-4810WIOAzzzzzz, THM 3-4811WIOAzzzzzz, THM 3-4812WIOAzzzzzz,



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2412WIOAzzzzzz, THM 6-2413WIOAzzzzzz, THM 6-2415WIOAzzzzzz, THM 6-2421WIOAzzzzzz, THM 6-2422WIOAzzzzzz, THM 6-2423WIOAzzzzzz, THM 6-4810WIOAzzzzzz, THM 6-4811WIOAzzzzzz, THM 6-4812WIOAzzzzzz, THM 6-4813WIOAzzzzzz, THM 6-4815WIOAzzzzzz, THM 6-4821WIOAzzzzzz, THM 6-4822WIOAzzzzzz, THM 6-4823WIOAzzzzzz, THM 6-1210Ozzzzzz, THM 6-1211Ozzzzzz, THM 6-1212Ozzzzzz, THM 6-1213Ozzzzzz, THM 6-1215Ozzzzzz, THM 6-1221Ozzzzzz, THM 6-1222Ozzzzzz, THM 6-1223Ozzzzzz, THM 6-2410Ozzzzzz, THM 6-2411Ozzzzzz, THM 6-2412Ozzzzzz, THM 6-2413Ozzzzzz, THM 6-2415Ozzzzzz, THM 6-2421Ozzzzzz, THM 6-2422Ozzzzzz, THM 6-2423Ozzzzzz, THM 6-4810Ozzzzzz, THM 6-4811Ozzzzzz, THM 6-4812Ozzzzzz, THM 6-4813Ozzzzzz, THM 6-4815Ozzzzzz, THM 6-4821Ozzzzzz, THM 6-4822Ozzzzzz, THM 6-4823Ozzzzzz, THM 6-1210OAzzzzzz, THM 6-1211OAzzzzzz, THM 6-1212OAzzzzzz, THM 6-1213OAzzzzzz, THM 6-1215OAzzzzzz, THM 6-1221OAzzzzzz, THM 6-1222OAzzzzzz, THM 6-1223OAzzzzzz, THM 6-2410OAzzzzzz, THM 6-2411OAzzzzzz, THM 6-2412OAzzzzzz, THM 6-2413OAzzzzzz, THM 6-2415OAzzzzzz, THM 6-2421OAzzzzzz, THM 6-2422OAzzzzzz, THM 6-2423OAzzzzzz, THM 6-4810OAzzzzzz, THM 6-4811OAzzzzzz, THM 6-4812OAzzzzzz, THM 6-4813OAzzzzzz, THM 6-4815OAzzzzzz, THM 6-4821OAzzzzzz, THM 6-4822OAzzzzzz, THM 6-4823OAzzzzzz, THM 10-2411Wlzzzzzz, THM 10-2412Wlzzzzzz, THM 10-2413Wlzzzzzz, THM 10-2415Wlzzzzzz, THM 10-2421Wlzzzzzz, THM 10-2422Wlzzzzzz, THM 10-2423Wlzzzzzz, THM 10-4810Wlzzzzzz, THM 10-4811Wlzzzzzz, THM 10-4812Wlzzzzzz, THM 10-4813Wlzzzzzz, THM 10-4815Wlzzzzzz, THM 10-4821Wlzzzzzz, THM 10-4822Wlzzzzzz, THM 10-4823Wlzzzzzz, THM 10-0510WIAzzzzzz, THM 10-0511WIAzzzzzz, THM 10-0512WIAzzzzzz, THM 10-0513WIAzzzzzz, THM 10-0515WIAzzzzzz, THM 10-0521WIAzzzzzz, THM 10-0522WIAzzzzzz, THM 10-0523WIAzzzzzz, THM 10-2410WIAzzzzzz, THM 10-2411WIAzzzzzz, THM 10-2412WIAzzzzzz, THM 10-2413WIAzzzzzz, THM 10-2415WIAzzzzzz, THM 10-2421WIAzzzzzz, THM 10-2422WIAzzzzzz, THM 10-2423WIAzzzzzz, THM 10-4810WIAzzzzzz, THM 10-4811WIAzzzzzz, THM 10-4812WIAzzzzzz, THM 10-4813WIAzzzzzz, THM 10-4815WIAzzzzzz, THM 10-4821WIAzzzzzz, THM 10-4822WIAzzzzzz, THM 10-4823WIAzzzzzz, THM 10-2411zzzzzz, THM 10-2412zzzzzz, THM 10-2413zzzzzz, THM 10-2415zzzzzz, THM 10-2421zzzzzz, THM 10-2422zzzzzz, THM 10-2423zzzzzz, THM 10-4810zzzzzz, THM 10-4811zzzzzz, THM 10-4812zzzzzz, THM 10-4813zzzzzz, THM 10-4815zzzzzz, THM 10-4821zzzzzz, THM 10-4822zzzzzz, THM 10-4823zzzzzz, THM 10-1210Azzzzzz, THM 10-1211Azzzzzz, THM 10-1212Azzzzzz, THM 10-1213Azzzzzz, THM 10-1215Azzzzzz, THM 10-1221Azzzzzz, THM 10-1222Azzzzzz, THM 10-1223Azzzzzz, THM 10-2410Azzzzzz, THM 10-2411Azzzzzz, THM 10-2412Azzzzzz, THM 10-2413Azzzzzz, THM 10-2415Azzzzzz, THM 10-2421Azzzzzz, THM 10-2422Azzzzzz, THM 10-2423Azzzzzz, THM 10-4810Azzzzzz, THM 10-4811Azzzzzz, THM 10-4812Azzzzzz, THM 10-4813Azzzzzz, THM 10-4815Azzzzzz, THM 10-4821Azzzzzz, THM 10-4822Azzzzzz, THM 10-4823Azzzzzz, THM 10-2411WIOzzzzzz, THM 10-2412WIOzzzzzz, THM 10-2413WIOzzzzzz, THM 10-2415WIOzzzzzz, THM 10-2421WIOzzzzzz, THM 10-2422WIOzzzzzz, THM 10-2423WIOzzzzzz, THM 10-4810WIOzzzzzz, THM 10-4812WIOzzzzzz, THM 10-4813WIOzzzzzz, THM 10-4815WIOzzzzzz, THM 10-4821WIOzzzzzz, THM 10-4822WIOzzzzzz, THM 10-4823WIOzzzzzz, THM 10-0510WIOAzzzzzz, THM 10-0511WIOAzzzzzz, THM 10-0512WIOAzzzzzz, THM 10-0513WIOAzzzzzz, THM 10-0515WIOAzzzzzz, THM 10-0521WIOAzzzzzz, THM 10-0522WIOAzzzzzz, THM 10-0523WIOAzzzzzz, THM 10-2410WIOAzzzzzz, THM 10-2411WIOAzzzzzz, THM 10-2412WIOAzzzzzz, THM 10-2413WIOAzzzzzz, THM 10-2415WIOAzzzzzz, THM 10-2421WIOAzzzzzz, THM 10-2422WIOAzzzzzz, THM 10-2423WIOAzzzzzz, THM 10-4810WIOAzzzzzz, THM 10-4811WIOAzzzzzz, THM 10-4812WIOAzzzzzz, THM 10-4813WIOAzzzzzz, THM 10-

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30-4810WIN zzzzzz, TEN 30-4811WIN zzzzzz, TEN 30-4812WIN zzzzzz, TEN 30-4813WIN zzzzzz, TEN 30-4821WIN zzzzzz, TEN 30-4822WIN zzzzzz, TEN 30-4823WIN zzzzzz, TEN 30-4833WIN zzzzzz, TEN 30-4834WIN zzzzzz, TEN 30-4831WIN zzzzzz, TEN 30-4832WIN zzzzzz, TEP 75-2410WIzzzzzz, TEP 150-2412WIzzzzzz, TEP 150-2413WIzzzzzz, TEP 150-2415WIzzzzzz, TEP 150-2416WIzzzzzz, TEP 150-2418WIzzzzzz, TEP 150-4812WIzzzzzz, TEP 150-4813WIzzzzzz, TEP 150-4815WIzzzzzz, TEP 150-4816WIzzzzzz, TEP 150-4818WIzzzzzz, TEP 150-2412WI-Ozzzzzz, TEP 150-2413WI-Ozzzzzz, TEP 150-2415WI-Ozzzzzz, TEP 150-2416WI-Ozzzzzz, TEP 150-2418WI-Ozzzzzz, TEP 150-4812WI-Ozzzzzz, TEP 150-4813WI-Ozzzzzz, TEP 150-4815WI-Ozzzzzz, TEP 150-4816WI-Ozzzzzz, TEP 150-4818WI-Ozzzzzz, TMR 0510zzzzzz, TMR 0511zzzzzz, TMR 0514zzzzzz, TMR 0512zzzzzz, TMR 0513zzzzzz, TMR 0521zzzzzz, TMR 0522zzzzzz, TMR 0523zzzzzz, TMR 1210zzzzzz, TMR 1211zzzzzz, TMR 1214zzzzzz, TMR 1212zzzzzz, TMR 1213zzzzzz, TMR 1221zzzzzz, TMR 1222zzzzzz, TMR 1223zzzzzz, TMR 2410zzzzzz, TMR 2411zzzzzz, TMR 2414zzzzzz, TMR 2412zzzzzz, TMR 2413zzzzzz, TMR 2421zzzzzz, TMR 2422zzzzzz, TMR 2423zzzzzz, TMR 4810zzzzzz, TMR 4811zzzzzz, TMR 4814zzzzzz, TMR 4812zzzzzz, TMR 4813zzzzzz, TMR 4821zzzzzz, TMR 4822zzzzzz, TMR 4823zzzzzz, TMR 3-0510zzzzzz, TMR 3-0511zzzzzz, TMR 3-0509zzzzzz, TMR 3-0512zzzzzz, TMR 3-0513zzzzzz, TMR 3-0521zzzzzz, TMR 3-0522zzzzzz, TMR 3-0523zzzzzz, TMR 3-1210zzzzzz, TMR 3-1211zzzzzz, TMR 3-1209zzzzzz, TMR 3-1212zzzzzz, TMR 3-1213zzzzzz, TMR 3-1221zzzzzz, TMR 3-1222zzzzzz, TMR 3-1223zzzzzz, TMR 3-2410zzzzzz, TMR 3-2411zzzzzz, TMR 3-2409zzzzzz, TMR 3-2412zzzzzz, TMR 3-2413zzzzzz, TMR 3-2421zzzzzz, TMR 3-2422zzzzzz, TMR 3-2423zzzzzz, TMR 3-4810zzzzzz, TMR 3-4811zzzzzz, TMR 3-4809zzzzzz, TMR 3-4812zzzzzz, TMR 3-4813zzzzzz, TMR 3-4821zzzzzz, TMR 3-4822zzzzzz, TMR 3-4823zzzzzz, TDR 2-1210WIzzzzzz, TDR 2-1211WIzzzzzz, TDR 2-1219WIzzzzzz, TDR 2-1212WIzzzzzz, TDR 2-1213WIzzzzzz, TDR 2-1221WIzzzzzz, TDR 2-1222WIzzzzzz, TDR 2-1223WIzzzzzz, TDR 2-2410WIzzzzzz, TDR 2-2411WIzzzzzz, TDR 2-2419WIzzzzzz, TDR 2-2412WIzzzzzz, TDR 2-2413WIzzzzzz, TDR 2-2421WIzzzzzz, TDR 2-2422WIzzzzzz, TDR 2-2423WIzzzzzz, TDR 2-4810WIzzzzzz, TDR 2-4811WIzzzzzz, TDR 2-4819WIzzzzzz, TDR 2-4812WIzzzzzz, TDR 2-4813WIzzzzzz, TDR 2-4821WIzzzzzz, TDR 2-4822WIzzzzzz, TDR 2-4823WIzzzzzz, TDR 2-1211HIWIzzzzzz, TDR 2-1219HIWIzzzzzz, TDR 2-1212HIWIzzzzzz, TDR 2-1213HIWIzzzzzz, TDR 2-1221HIWIzzzzzz, TDR 2-1222HIWIzzzzzz, TDR 2-1223HIWIzzzzzz, TDR 2-2410HIWIzzzzzz, TDR 2-2411HIWIzzzzzz, TDR 2-2419HIWIzzzzzz, TDR 2-2412HIWIzzzzzz, TDR 2-2413HIWIzzzzzz, TDR 2-2421HIWIzzzzzz, TDR 2-2422HIWIzzzzzz, TDR 2-2423HIWIzzzzzz, TDR 2-4810HIWIzzzzzz, TDR 2-4811HIWIzzzzzz, TDR 2-4819HIWIzzzzzz, TDR 2-4812HIWIzzzzzz, TDR 2-4813HIWIzzzzzz, TDR 2-4821HIWIzzzzzz, TDR 2-4822HIWIzzzzzz, TDR 2-4823HIWIzzzzzz, TDR 2-0511zzzzzz, TDR 2-0519zzzzzz, TDR 2-0512zzzzzz, TDR 2-0513zzzzzz, TDR 2-0521zzzzzz, TDR 2-0522zzzzzz, TDR 2-0523zzzzzz, TDR 2-1210zzzzzz, TDR 2-1211zzzzzz, TDR 2-1219zzzzzz, TDR 2-1212zzzzzz, TDR 2-1213zzzzzz, TDR 2-1221zzzzzz, TDR 2-1222zzzzzz, TDR 2-1223zzzzzz, TDR 2-2410zzzzzz, TDR 2-2411zzzzzz, TDR 2-2419zzzzzz, TDR 2-2412zzzzzz, TDR 2-2413zzzzzz, TDR 2-2421zzzzzz, TDR 2-2422zzzzzz, TDR 2-2423zzzzzz, TDR 2-4810zzzzzz, TDR 2-4811zzzzzz, TDR 2-4819zzzzzz, TDR 2-4812zzzzzz, TDR 2-4813zzzzzz, TDR 2-4821zzzzzz, TDR 2-4822zzzzzz, TDR 2-4823zzzzzz, TDR 2-0511HIzzzzzz, TDR 2-0519HIzzzzzz, TDR 2-0512HIzzzzzz, TDR 2-0513HIzzzzzz, TDR 2-0521HIzzzzzz, TDR 2-0522HIzzzzzz, TDR 2-0523HIzzzzzz, TDR 2-1210HIzzzzzz, TDR 2-1211HIzzzzzz, TDR 2-1219HIzzzzzz, TDR 2-1212HIzzzzzz, TDR 2-1213HIzzzzzz, TDR 2-1221HIzzzzzz, TDR 2-1222HIzzzzzz, TDR 2-1223HIzzzzzz, TDR 2-2410HIzzzzzz, TDR 2-2411HIzzzzzz, TDR 2-2419HIzzzzzz, TDR 2-2412HIzzzzzz, TDR 2-2413HIzzzzzz, TDR 2-



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2421HIzzzzzz, TDR 2-2422HIzzzzzz, TDR 2-2423HIzzzzzz, TDR 2-4810HIzzzzzz, TDR 2-4811HIzzzzzz, TDR 2-4819HIzzzzzz, TDR 2-4812HIzzzzzz, TDR 2-4813HIzzzzzz, TDR 2-4821HIzzzzzz, TDR 2-4822HIzzzzzz, TDR 2-4823HIzzzzzz, TDR 2-1210WISMzzzzzz, TDR 2-1211WISMzzzzzz, TDR 2-1219WISMzzzzzz, TDR 2-1212WISMzzzzzz, TDR 2-1213WISMzzzzzz, TDR 2-1221WISMzzzzzz, TDR 2-1222WISMzzzzzz, TDR 2-1223WISMzzzzzz, TDR 2-2410WISMzzzzzz, TDR 2-2411WISMzzzzzz, TDR 2-2419WISMzzzzzz, TDR 2-2424WISMzzzzzz, TDR 2-2413WISMzzzzzz, TDR 2-2421WISMzzzzzz, TDR 2-2422WISMzzzzzz, TDR 2-2423WISMzzzzzz, TDR 2-4810WISMzzzzzz, TDR 2-4811WISMzzzzzz, TDR 2-4819WISMzzzzzz, TDR 2-4812WISMzzzzzz, TDR 2-4813WISMzzzzzz, TDR 2-4821WISMzzzzzz, TDR 2-4822WISMzzzzzz, TDR 2-4823WISMzzzzzz, TDR 2-1211HIWISMzzzzzz, TDR 2-1209HIWISMzzzzzz, TDR 2-1212HIWISMzzzzzz, TDR 2-1213HIWISMzzzzzz, TDR 2-1221HIWISMzzzzzz, TDR 2-1222HIWISMzzzzzz, TDR 2-1223HIWISMzzzzzz, TDR 2-2410HIWISMzzzzzz, TDR 2-2411HIWISMzzzzzz, TDR 2-2409HIWISMzzzzzz, TDR 2-2412HIWISMzzzzzz, TDR 2-2413HIWISMzzzzzz, TDR 2-2421HIWISMzzzzzz, TDR 2-2422HIWISMzzzzzz, TDR 2-2423HIWISMzzzzzz, TDR 2-4810HIWISMzzzzzz, TDR 2-4811HIWISMzzzzzz, TDR 2-4809HIWISMzzzzzz, TDR 2-4812HIWISMzzzzzz, TDR 2-4813HIWISMzzzzzz, TDR 2-4821HIWISMzzzzzz, TDR 2-4822HIWISMzzzzzz, TDR 2-4823HIWISMzzzzzz, TDR 2-0511SMzzzzzz, TDR 2-0519SMzzzzzz, TDR 2-0512SMzzzzzz, TDR 2-0513SMzzzzzz, TDR 2-0521SMzzzzzz, TDR 2-0522SMzzzzzz, TDR 2-0523SMzzzzzz, TDR 2-1210SMzzzzzz, TDR 2-1211SMzzzzzz, TDR 2-1219SMzzzzzz, TDR 2-1212SMzzzzzz, TDR 2-1213SMzzzzzz, TDR 2-1221SMzzzzzz, TDR 2-1222SMzzzzzz, TDR 2-1223SMzzzzzz, TDR 2-2410SMzzzzzz, TDR 2-2411SMzzzzzz, TDR 2-2419SMzzzzzz, TDR 2-2412SMzzzzzz, TDR 2-2413SMzzzzzz, TDR 2-2421SMzzzzzz, TDR 2-2422SMzzzzzz, TDR 2-2423SMzzzzzz, TDR 2-4810SMzzzzzz, TDR 2-4811SMzzzzzz, TDR 2-4819SMzzzzzz, TDR 2-4812SMzzzzzz, TDR 2-4813SMzzzzzz, TDR 2-4821SMzzzzzz, TDR 2-4822SMzzzzzz, TDR 2-4823SMzzzzzz, TDR 2-0511HISMzzzzzz, TDR 2-0519HISMzzzzzz, TDR 2-0512HISMzzzzzz, TDR 2-0513HISMzzzzzz, TDR 2-0521HISMzzzzzz, TDR 2-0522HISMzzzzzz, TDR 2-0523HISMzzzzzz, TDR 2-1210HISMzzzzzz, TDR 2-1211HISMzzzzzz, TDR 2-1219HISMzzzzzz, TDR 2-1212HISMzzzzzz, TDR 2-1213HISMzzzzzz, TDR 2-1221HISMzzzzzz, TDR 2-1222HISMzzzzzz, TDR 2-1223HISMzzzzzz, TDR 2-2410HISMzzzzzz, TDR 2-2411HISMzzzzzz, TDR 2-2419HISMzzzzzz, TDR 2-2412HISMzzzzzz, TDR 2-2413HISMzzzzzz, TDR 2-2421HISMzzzzzz, TDR 2-2422HISMzzzzzz, TDR 2-2423HISMzzzzzz, TDR 2-4810HISMzzzzzz, TDR 2-4811HISMzzzzzz, TDR 2-4819HISMzzzzzz, TDR 2-4812HISMzzzzzz, TDR 2-4813HISMzzzzzz, TDR 2-4821HISMzzzzzz, TDR 2-4822HISMzzzzzz, TDR 2-4823HISMzzzzzz, TDR 3-1210WIzzzzzz, TDR 3-1211WIzzzzzz, TDR 3-1219WIzzzzzz, TDR 3-1212WIzzzzzz, TDR 3-1213WIzzzzzz, TDR 3-1221WIzzzzzz, TDR 3-1222WIzzzzzz, TDR 3-1223WIzzzzzz, TDR 3-2410WIzzzzzz, TDR 3-2411WIzzzzzz, TDR 3-2419WIzzzzzz, TDR 3-2412WIzzzzzz, TDR 3-2413WIzzzzzz, TDR 3-2421WIzzzzzz, TDR 3-2422WIzzzzzz, TDR 3-2423WIzzzzzz, TDR 3-4810WIzzzzzz, TDR 3-4811WIzzzzzz, TDR 3-4819WIzzzzzz, TDR 3-4812WIzzzzzz, TDR 3-4813WIzzzzzz, TDR 3-4821WIzzzzzz, TDR 3-4822WIzzzzzz, TDR 3-4823WIzzzzzz, TDR 3-1211HIWIzzzzzz, TDR 3-1219HIWIzzzzzz, TDR 3-1212HIWIzzzzzz, TDR 3-1213HIWIzzzzzz, TDR 3-1221HIWIzzzzzz, TDR 3-1222HIWIzzzzzz, TDR 3-1223HIWIzzzzzz, TDR 3-2410HIWIzzzzzz, TDR 3-2411HIWIzzzzzz, TDR 3-2419HIWIzzzzzz, TDR 3-2412HIWIzzzzzz, TDR 3-2413HIWIzzzzzz, TDR 3-2421HIWIzzzzzz, TDR 3-2422HIWIzzzzzz, TDR 3-2423HIWIzzzzzz, TDR 3-4810HIWIzzzzzz, TDR 3-4811HIWIzzzzzz, TDR 3-4819HIWIzzzzzz, TDR 3-4812HIWIzzzzzz, TDR 3-4813HIWIzzzzzz, TDR 3-4821HIWIzzzzzz, TDR 3-4822HIWIzzzzzz, TDR 3-4823HIWIzzzzzz, TDR 3-



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z = alphanumeric, "-", "/" or blank for marketing purposes

Models -

TOS 06-05SILzzzzz, TOS 06-12SILzzzzz, TOS 10-05SILzzzzz, TOS 10-12SILzzzzz, TOS 16-05SILzzzzz, TOS 16-12SILzzzzz, TOS 06-05SMzzzzz, TOS 06-12SMzzzzz, TOS 10-05SMzzzzz, TOS 10-12SMzzzzz, TOS 16-05SMzzzzz, TOS 16-12SMzzzzz.

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