

CERTIFICATE OF COMPLIANCE

Certificate Number 20180723-E188913
Report Reference E188913-20091222
Issue Date 2018-JULY-23

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

**This is to certify that
representative samples of**

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


See the addendum page for the Models/Product

Have been investigated by UL in accordance with the
Standard(s) indicated on this Certificate.

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

Additional Information: See the UL Online Certifications Directory at
www.ul.com/database for additional information

Only those products bearing the UL Certification Mark should be considered as being covered by UL's
Certification and Follow-Up Service.

The UL Recognized Component Mark generally consists of the manufacturer's identification and catalog
number, model number or other product designation as specified under "Marking" for the particular
Recognition as published in the appropriate UL Directory. As a supplementary means of identifying products
that have been produced under UL's Component Recognition Program, UL's Recognized Component Mark:
 may be used in conjunction with the required Recognized Marks. The Recognized Component Mark is
required when specified in the UL Directory preceding the recognitions or under "Markings" for the individual
recognitions.

Recognized components are incomplete in certain constructional features or restricted in performance
capabilities and are intended for use as components of complete equipment submitted for investigation rather
than for direct separate installation in the field. The final acceptance of the component is dependent upon its
installation and use in complete equipment submitted to UL LLC.

Look for the UL Certification Mark on the product.



Bruce Mahrenholz, Director North American Certification Program
UL LLC

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please
contact a local UL Customer Service Representative at <http://ul.com/aboutul/locations/>



CERTIFICATE OF COMPLIANCE

Certificate Number 20180723-E188913
Report Reference E188913-20091222
Issue Date 2018-JULY-23

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

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, 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,

DC-DC Converter - 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.

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

QQJQ2 & QQJQ8 only: 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
UL LLC

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact a local UL Customer Service Representative at <http://ul.com/aboutul/locations/>

