

# CERTIFICATE OF COMPLIANCE

**Certificate Number** 20170428-E480525  
**Report Reference** E480525-20170427  
**Issue Date** 2017-APRIL-28

**Issued to:** Langer Laumann Ing Buero GmbH  
Wallgraben 30  
48356 Nordwalde GERMANY

**This is to certify that  
representative samples of** POWER CONVERSION EQUIPMENT  
See Addendum

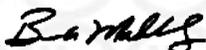
Have been investigated by UL in accordance with the  
Standard(s) indicated on this Certificate.

**Standard(s) for Safety:** UL 61800-5-1, Adjustable Speed Electrical Power Drive  
Systems - Part 5-1: Safety Requirements - Electrical,  
Thermal and Energy  
CAN/CSA C22.2 No. 274-13, Adjustable Speed Drives  
UL 50E, Enclosure for Electrical Equipment, Environmental  
Considerations

**Additional Information:** See the UL Online Certifications Directory at  
[www.ul.com/database](http://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.

Look for the UL Certification Mark on the product.



Bruce Mahrenholz, Director North American Certification Program  
UL LLC

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contact a local UL Customer Service Representative at <http://ul.com/aboutul/locations/>



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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.

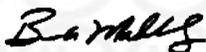
**Enclosed Type –**

Cat. nos. TSG V4 Safety Door Operator Electronic followed by extern, followed by 480 or 400 or 230 or 200 or 115, followed by 50 or 60. May be followed by additional letters or numbers.

**Open Type –**

Cat. nos. TSG V4 Safety Door Operator Electronic followed by intern, followed by 480 or 400 or 230 or 200 or 115 followed by 50 or 60. May be followed by additional letters or numbers.

Series designation may be provided with prefixes that signify options that do not affect the electrical characteristics.



Bruce Mahrenholz, Director North American Certification Program  
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