

# CERTIFICATE OF COMPLIANCE

**Certificate Number** 20160215-E168643  
**Report Reference** E168643-A13-UL  
**Issue Date** 2016-FEBRUARY-15

**Issued to:** HIRSCHMANN AUTOMATION AND CONTROL GMBH  
STUTTARTER STR 45-51  
72654 NECKARTENZLINGEN GERMANY

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

COMPONENT - INFORMATION TECHNOLOGY  
EQUIPMENT INCLUDING ELECTRICAL BUSINESS  
EQUIPMENT

Industrial Gigabit Ethernet Switch:  
GREYHOUND family, Model GRS1abc-ddddefg.

May be equipped with Media Modules (optional):  
- GRMab-ccddeeffg

for details about the coding, see "General Product  
Information - Model Differences".

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

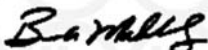
**Standard(s) for Safety:** UL 60950-1 & CAN/CSA C22.2 No. 60950-1-07 -  
Information Technology Equipment - Safety - Part 1:  
General Requirements

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

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, Assistant Chief Engineer, Global Inspection and Field Services

UL LLC

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