

# Certificate of Compliance

Certificate Number **20081219-E168643**  
Report Reference **E168643-A2-UL-1, 2008 December 12**  
Issue Date **2008 December 19**

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*Issued to:* **HIRSCHMANN AUTOMATION & CONTROL GMBH**  
STUTTGARTER STR 45-51  
72654 NECKARTENZLINGEN GERMANY


*This is to certify that representative samples of* **IT Equipment Including Electrical Business Equipment**  
Managed Workgroup Ethernet Switch  
See Addendum for Models

*Have been investigated by Underwriters Laboratories Inc.® in accordance with the Standard(s) indicated on this Certificate.*

*Standard(s) for Safety:* UL 60950-1, 1st Edition, 2007-10-31 (Information Technology Equipment - Safety - Part 1: General Requirements)  
CSA C22.2 No. 60950-1-03, 1st Edition, 2006-07 (Information Technology Equipment - Safety - Part 1: General Requirements)

*Additional Information:* Ratings: 100-240 VAC, 50/60 Hz, 0.4 - 0.2 A

**Only those products bearing the UL Listing Mark for the US and Canada should be considered as being covered by UL's Listing and Follow-Up Service meeting the appropriate requirements for US and Canada.**

The UL Listing Mark for the US and Canada generally includes: the UL in a circle symbol with "C" and "US" identifiers:  the word "LISTED"; a control number (may be alphanumeric) assigned by UL; and the product category name (product identifier) as indicated in the appropriate UL Directory.

**Look for the UL Listing Mark on the product**

Issued by:  
**Riem Elia, Project Handler**  
Underwriters Laboratories Inc.

Reviewed by:  
**Manfred Müller, Senior Project Engineer**  
Underwriters Laboratories Inc.

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**Underwriters  
Laboratories Inc.®**

This is to verify that representative samples of the product as specified on this certificate were tested according to the current UL requirements.

Modular switch MACH102-8TP and MACH102-8TP-R,

can be provided with:  
M1-8TP-RJ45 and/or  
M1-8MM-SC and/or  
M1-8SM-SC and/or  
M1-8SFP.

Compact switch  
MACH102-8TP-F,  
MACH102-8TP-FR,  
MACH102-24TP-F,  
MACH102-24TP-FR.

Mandatory sub components for  
Modular switch MACH102-8TP and MACH102-8TP-R:  
None.

Optional sub components for  
Modular switch MACH102-8TP and MACH102-8TP-R:  
M1-8TP-RJ45,  
M1-8MM-SC,  
M1-8SM-SC,  
M1-8SFP.

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