

## **COVER PAGE FOR TEST REPORT**

Product Category:	Information Technology Equipment Including Electrical Business Equipment
Product Category CCN:	NWGQ, NWGQ7
Test Procedure:	Listing
Product:	Modular Ethernet Switch
Model/Type Reference:	Power Rack M4-Power can be provided with: Power Modul M4-P-AC/DC 300W and/or Power Modul M4-P-48VDC 300W and/or Power Modul M4-P-24VDC 300W.  Switch Rack MACH4002 48+4G-XXX  Mandatory sub components for Switch Rack Types MACH4002: Switch Board MACH4002 48+4G Fan Unit M4-AIR.  Optional sub components for Switch Rack Types MACH4002: Power Modul M4-S-AC/DC 300W Power Modul M4-S-48VDC 300W Power Modul M4-S-24VDC 300W Media Modul M4-8TP-RJ45, Media Modul M4-FAST 8-SFP.
Rating(s):	Power Rack or Switch Rack provided with Power Modul M4-P(S)-AC/DC 300W: 110- 230V, 50Hz/60Hz, 1.8- 4.2A Power Rack or Switch Rack provided with Power Modul M4-P(S)-48VDC 300W: 24V, 16.0A Power Rack or Switch Rack provided with Power Modul M4-P(S)-24VDC 300W: 48V, 8.0A
Standards:	UL 60950-1, 1st Edition, 2006-07-07 (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)
Applicant Name and Address:	HIRSCHMANN AUTOMATION & CONTROL GMBH STUTTGARTER STR 45-51 72654 NECKARTENZLINGEN GERMANY
This Report includes the following parts, in addition to this cover page: <ol style="list-style-type: none"><li>1. Specific Technical Criteria</li><li>2. Critical Components</li><li>3. Enclosures</li></ol>	

Issue Date: 2007-04-05  
Amendment 1 2008-07-29

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Report Reference #

E168643-A1-UL-1

This is to certify that representative samples of the products covered by this Test Report have been investigated in accordance with the above referenced Standards. The products have been found to comply with the requirements covering the category and the products are judged to be eligible for Follow-Up Service under the indicated Test Procedure. The manufacturer is authorized to use the UL Mark on such products which comply with this Test Report and any other applicable requirements of Underwriters Laboratories Inc. ('UL') in accordance with the Follow-Up Service Agreement. Only those products which properly bear the UL Mark are considered as being covered by UL's Follow-Up Service under the indicated Test Procedure.

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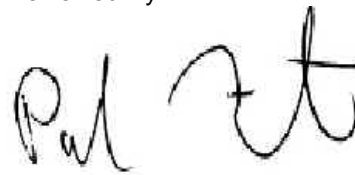
Any information and documentation involving UL Mark services are provided on behalf of Underwriters Laboratories Inc. (UL) or any authorized licensee of UL.

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