

## UL TEST REPORT AND PROCEDURE

<b>Standard:</b>	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)
<b>Certification Type:</b>	Information Technology Equipment Including Electrical Business Equipment
<b>CCN:</b>	NWGQ, NWGQ7
<b>Product:</b>	Industrial Ethernet switch
<b>Model:</b>	MACH104 20TX-F; MACH104 20TX-FR; MACH104 20 TX-F-4PoE.
<b>Rating:</b>	MACH104 20TX-F: Input1: 100-240Vac,0.5-0.3A; 50/60Hz Input2: N/A  MACH104 20TX-FR: Input1: 100-240Vac,0.5-0.3A; 50/60Hz Input2: 100-240Vac,0.5-0.3A; 50/60Hz  MACH104 20 TX-F-4PoE: Input1: 100-240Vac,1.7-0.9A; 50/60Hz Input2: N/A
<b>Applicant Name and Address:</b>	HIRSCHMANN AUTOMATION AND CONTROL GMBH STUTTGARTER STR 45-51 72654 NECKARTENZLINGEN GERMANY

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.

The applicant is authorized to reproduce the referenced Test Report provided it is reproduced in its entirety.

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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Prepared by: Michal Siudowski  
Underwriters Laboratories Inc.



Reviewed by: Bartlomiej Zmijewski  
Underwriters Laboratories Inc.

