

Certificate of Compliance

Certificate Number **033109-E175531**
Report Reference **E175531, March 23, 2009**
Issue Date **2009 March 31**

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Issued to: **Hirschmann Automation & Control GmbH**

Stuttgarter Str 45-51
Neckartenzlingen, 72654
Germany

*This is to certify that
representative samples of*

PROGRAMMABLE CONTROLLERS


USL, CNL - Listed, open type, programmable controllers, modular switch, cat. no. MACH102-8TP, MACH102-8TP-R. Media modules M1-8, followed by TP-RJ45 or MM-SC or SM-SC or SFP. Listed programmable controllers, open type, compact switch, cat. no. MACH102-, followed by 8TP or 24TP, followed by -F or *Have been investigated by Underwriters Laboratories in accordance with the Standard(s) indicated on this Certificate.*

Standard(s) for Safety: **UL 508
C22.2 No. 142-M1987**

Additional Information: **ELECTRICAL RATINGS:**

MACH102-8TP	100...240 Vac; 50/60 Hz;0.2...0.4 A	12 W
MACH102-8TP-R	100...240 Vac; 50/60 Hz;0.2...0.4 A	13 W
MACH102-8TP-F	100...240 Vac; 50/60 Hz;0.2...0.4 A	12 W
MACH102-8TP-FR	100...240 Vac; 50/60 Hz;0.2...0.4 A	13 W

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: Tino Mits

Tino Mits, Project Engineer

Underwriters Laboratories Inc.

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

For questions in The United States of America you may call 1-877-UL-HELPS.

Reviewed by: Hagen Dahrman

Hagen Dahrman, Senior Project Engineer

UL International Germany GmbH

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

Electrical Ratings:

MACH102-24TP-F	100...240 Vac; 50/60 Hz; 0.2...0.4 A	16 W
MACH102-24TP-FR	100...240 Vac; 50/60 Hz; 0.2...0.4 A	17 W
M1-8TP-RJ45	100...240 Vac; 50/60 Hz; 0.2...0.4 A	2 W
M1-8MM-SC	100...240 Vac; 50/60 Hz; 0.2...0.4 A	10 W
M1-8SM-SC	100...240 Vac; 50/60 Hz; 0.2...0.4 A	10 W
M1-8SFP (incl. SFP modules)	100...240 Vac; 50/60 Hz; 0.2...0.4 A	11 W

Issued by: Tino Mits

Tino Mits, Project Engineer

Underwriters Laboratories Inc.

Reviewed by: Hagen Dahrman

Hagen Dahrman, Senior Project Engineer

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