

CERTIFICATE OF COMPLIANCE

Certificate Number 20180807-E168643
Report Reference E168643-A14-UL
Issue Date 2018-August-07

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

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

COMPONENT - INFORMATION TECHNOLOGY
EQUIPMENT INCLUDING ELECTRICAL BUSINESS
EQUIPMENT


See Addendum Page

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 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.

The UL Recognized Component Mark generally consists of the manufacturer's identification and catalog
number, model number or other product designation as specified under "Marking" for the particular
Recognition as published in the appropriate UL Directory. As a supplementary means of identifying products
that have been produced under UL's Component Recognition Program, UL's Recognized Component Mark:
 may be used in conjunction with the required Recognized Marks. The Recognized Component Mark is
required when specified in the UL Directory preceding the recognitions or under "Markings" for the individual
recognitions.

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, Director North American Certification Program
UL LLC

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contact a local UL Customer Service Representative at <http://ul.com/aboutul/locations/>



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

Industrial Ethernet Switch Octopus II device

OS(A)(B)-(CC)(DD)(EE)(FF)(FF)T5-(G)(HH)(II)99(JJ)(K)

where:

(A) - can be 2 or 3,

(B) - can be 0 or 4,

(CC) - can be 00 or 08 or 10 or 11 or 12 or 14 or 15,

(DD) - can be 08 or 12 or 16 or 20 or 24 or 28,

(EE) - can be 00 or 02 or 04,

(FF) - can be T5 or R5 or T6 or R6 or 1M or 1S or 1P or 1L or 1A or 1B or 1C or 1D or 4M or 4S or 4P or 4L or 4A or 4B or 4C or 4D or 5M or 5S or 5P or 5L or 5A or 5B or 5C or 5D or 99,

(G) - can be V or T,

(HH) - can be BB or FF or HH or M9 or N9 or QQ,

(II) - can be Z9 or Y9 or U9 or UY or UT or US or T9 or TY or S9 or SY or R9,

(JJ) - can be HH or HA or H1 or GM,

(K) - can be S or M or P or H or N or D or T.

(The model designation may be followed by additional letters and numbers or blanks not related to safety)



Bruce Mahrenholz, Director North American Certification Program

UL LLC

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