



IECEX Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification System for Explosive Atmospheres

for rules and details of the IECEx Scheme visit www.iecex.com

Certificate No.: **IECEX ULD 23.0007X** Page 1 of 3 [Certificate history:](#)
Status: **Current** Issue No: 0
Date of Issue: 2023-05-09
Applicant: **Hirschmann Automation and Control GmbH**
Stuttgarter Strasse 45-51
72654 Neckartenzlingen
Germany
Equipment: **Security Router and Firewall, Model EAGLE40-03**
Optional accessory:
Type of Protection: **Increased Safety "ec", Sealed device "nC"**
Marking: **Ex ec nC IIC T4 Gc**
-40°C to +70°C

Approved for issue on behalf of the IECEx
Certification Body:

Katy A. Holdredge

Position:

Senior Staff Engineer

Signature:
(for printed version)

Date:
(for printed version)

1. This certificate and schedule may only be reproduced in full.
2. This certificate is not transferable and remains the property of the issuing body.
3. The Status and authenticity of this certificate may be verified by visiting www.iecex.com or use of this QR Code.



Certificate issued by:

UL International DEMKO A/S
Borupvang 5A
DK-2750 Ballerup
Denmark





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Manufacturer: **Hirschmann Automation and Control GmbH**
Stuttgarter Strasse 45-51
72654 Neckartenzlingen
Germany

Manufacturing locations: **Hirschmann Automation and Control GmbH**
Stuttgarter Strasse 45-51
72654 Neckartenzlingen
Germany

This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEx Quality system requirements. This certificate is granted subject to the conditions as set out in IECEx Scheme Rules, IECEx 02 and Operational Documents as amended

STANDARDS :

The equipment and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards

[IEC 60079-0:2017](#) Explosive atmospheres - Part 0: Equipment - General requirements
Edition:7.0

[IEC 60079-15:2017](#) Explosive atmospheres - Part 15: Equipment protection by type of protection "n"
Edition:5.0

[IEC 60079-7:2017](#) Explosive atmospheres - Part 7: Equipment protection by increased safety "e"
Edition:5.1

This Certificate **does not** indicate compliance with safety and performance requirements other than those expressly included in the Standards listed above.

TEST & ASSESSMENT REPORTS:

A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in:

Test Report:

[DK/ULD/ExTR23.0008/00](#)

Quality Assessment Report:

[NL/DEK/QAR14.0021/05](#)



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EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

Model EAGLE40-03 is an open type industrial-grade fanless box PC featuring dual-core processor and DDR3L, DIN Rail/Wall mount options and LAN configurations. The equipment has two constructions – three RJ45 ports, or two RJ45 ports plus one SFP port.

Please see Annex for additional information.

SPECIFIC CONDITIONS OF USE: YES as shown below:

- The equipment shall only be used in an area of at least pollution degree 2, as defined in IEC 60664-1.
- The equipment shall be installed in a tool-accessible enclosure that provides a minimum ingress protection of IP 54 in accordance with IEC 60079-0.
- When end users to provide optical SFP transceivers, these must be limited to Laser Class 1.

Annex:

[Annex to IECEx ULD 23.0007X Issue 0.pdf](#)

Annex to Certificate No.:

IECEX ULD 23.0007X

Issue No.: 0

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PARAMETERS RELATING TO THE SAFETY

Input: 24-48 Vdc, 1.0-0.5A (optional)

Relay output: 0.5A/48Vdc or 0.5A/24Vac, Resistance.

MARKING

Marking has to be readable and indelible; it has to include the following indications:



HIRSCHMANN

EAGLE40 Security Router and Firewall

U_{in} : x,x-xx V \equiv CLASS 2 I_{in} : x,x-x,xx A
Relay output: 0,5 A, 48 V \equiv or 0,5 A, 24 V \sim resistive

UL LISTED
E480444
Also Listed as
I.T.E.
E168643

EAC

UK CA

CE **IEC 61131-2** **FCC CLASS A**

DEMKO 20ATEX2374X
II 3G
Ex ec nC IIC T4 Gc
IECEX ULD 23.0007X

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CLASS I; DIV. 2
GROUPS A; B; C AND D
TEMPERATURE CODE T4
Ta: x°C ... xx°C

WARNING - EXPLOSION HAZARD
DO NOT DISCONNECT EQUIPMENT
UNLESS POWER HAS BEEN
SWITCHED OFF OR THE AREA IS
KNOWN TO BE NON-HAZARDOUS.

AVERTISSEMENT - RISQUE D'EXPLOSION.
NE PAS DEBRANCHER TANT QUE LE
CIRCUIT EST SOUS TENSION,
A MOINS QU'IL NE S'AGISSE D'UN
EMPLACEMENT NON DANGEREUX.

WARNING - EXPLOSION HAZARD
SUBSTITUTION OF ANY COMPONENTS
MAY IMPAIR SUITABILITY FOR
CLASS I; DIVISION 2.

AVERTISSEMENT - RISQUE D'EXPLOSION -
LA SUBSTITUTION DES COMPOSANTS
PEUT RENDRE CE MATERIEL
INACCEPTABLE POUR LES
EMPLACEMENTS DE CLASSE I, DIVISION 2.

TO BE SUPPLIED BY A CLASS 2 POWER SUPPLY

See user manual before use
Max. surrounding air temperature xx°C


DOM: WWWW
Made in Germany
Hirschmann Automation and Control GmbH
Stuttgarter Str. 45-51
72654 Neckartenzlingen

Productcode in Klarschrift

产品名称: 工业安全路由 产品型号: EAGLE and EAGLE40 series
CCC证书号: 2021322310004012
产地及生产企业: Germany/Hirschmann Automation and Control GmbH

警示语: 产品适用于防爆环境,
禁止带电插拔电源。
Ex ec nC IIC T4 Gc

S/N: 99999999ZZSSNNNNN

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