



# 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](http://www.iecex.com)

Certificate No.: **IECEx DEK 15.0014X** Page 1 of 4 Certificate history:  
Status: **Current** Issue No: 3 [Issue 2 \(2019-11-19\)](#)  
Date of Issue: 2021-02-11 [Issue 1 \(2017-08-21\)](#)  
Applicant: **Hirschmann Automation and Control GmbH** [Issue 0 \(2015-04-13\)](#)  
Stuttgarter Strasse 45-51  
72654 Neckartenzlingen  
Germany  
Equipment: **Industrial Ethernet Rail Switch Power Series RSP**  
Optional accessory:  
Type of Protection: **Ex nA**  
Marking: Ex nA IIC T4 Gc

Approved for issue on behalf of the IECEx  
Certification Body:

**R. Schuller**

Position:

**Certification Manager**

Signature:  
(for printed version)

Date:

2021-11-11

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](http://www.iecex.com) or use of this QR Code.



Certificate issued by:

**DEKRA Certification B.V.**  
**Meander 1051**  
**6825 MJ Arnhem**  
**Netherlands**





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

Additional  
manufacturing  
locations:

**Belden Hirschmann Industries (Suzhou)  
Co.,Ltd**  
#333, Yanhu Road, Huaqiao Town, Kunshan  
City, Jiangsu Province  
**China**

**Belden India Pvt. Ltd.**  
Plot No. D-228/1 Chakan MIDC, Phase II  
Village Bhamboli, Taluka- Khed  
District Pune 410507  
**India**

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 60079-0:2011** Explosive atmospheres - Part 0: General requirements  
Edition:6.0

**IEC 60079-15:2010** Explosive atmospheres - Part 15: Equipment protection by type of protection "n"  
Edition:4

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 Reports:

[NL/DEK/ExTR15.0026/00](#)

[NL/DEK/ExTR15.0026/01](#)

Quality Assessment Reports:

[NL/DEK/QAR14.0021/04](#)

[NL/DEK/QAR19.0010/00](#)

[NL/DEK/QAR20.0013/00](#)



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## **EQUIPMENT:**

Equipment and systems covered by this Certificate are as follows:

The rail mounted rial Ethernet Rail Switch Power Series RSP, are intended for use in industrial automation applications, communicate via electrical or optical interfaces and differ with regard to the number of interfaces and the media type for connecting segments.

For Electrical and thermal date, refer to Annex 1.

## **SPECIFIC CONDITIONS OF USE: YES as shown below:**

The equipment shall only be used in an area of not more than pollution degree 2, as defined in IEC 60664-1.

The equipment shall be installed in a suitable enclosure providing a degree of protection of at least IP54 according to IEC 60079-15, taking into account the environmental conditions under which the equipment will be used.

Provisions shall be made to prevent the rated voltage from being exceeded by transient disturbances of more than 140 %.



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**DETAILS OF CERTIFICATE CHANGES (for issues 1 and above)**

Manufacturing location added and linked to associated QAR.