



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 DEK 15.0013X**

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Certificate history:

Status: **Current**

Issue No: 5

Issue 4 (2021-08-30)

Issue 3 (2021-02-11)

Issue 2 (2019-11-19)

Issue 1 (2017-07-21)

Issue 0 (2015-04-10)

Date of Issue: 2026-09-01

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

Equipment: **Industrial Ethernet Rail Switch Power Series RSPE and Media Modules Series RSPM**

Optional accessory:

Type of Protection: **Ex ec**

Marking: For RSPE: Ex ec nC IIC T4 Gc
For RSPM: Ex ec IIC T4 Gc

Approved for issue on behalf of the IECEx
Certification Body:

L.G. van Schie

Position:

Certification Manager

Signature:
(for printed version)

Date:
(for printed version)

2026-09-01

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2. This certificate is not transferable and remains the property of the issuing body.
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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

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

**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 60079-0:2017](#) 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:

[NL/DEK/ExTR15.0025/03](#)

Quality Assessment Reports:

[NL/DEK/QAR14.0021/08](#)

[NL/DEK/QAR19.0010/03](#)

[NL/DEK/QAR20.0013/03](#)



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EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

Industrial Ethernet Rail Switch Power Series RSPE and Media Modules Series RSPM, for rail mounting and intended for use in industrial automation applications, communicate via electrical or optical interfaces.

For electrical data, ambient temperature and nomenclature, see Annex 1 to NL/DEK/ExTR15.0025/03.

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 60079-0, 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 119 V.



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DETAILS OF CERTIFICATE CHANGES (for issues 1 and above)

1. Minor constructional changes.
2. Addition of the ambient temperature range.

Annex:

[230693600 - Annex 1.pdf](#)

Annex 1 to NL/DEK/ExTR15.0025/03 and IECEx DEK 15.0013X

Table 1

Meaning	Product	Datarate	Hardware Type	-	Number of 10/100 Mbit/s Ports	Number of 10/100/1000 Mbit/s Ports	Uplink Port Configuration	Port Configuration	-	Temp Range	Voltage Range	Approvals / Declarations	Customization	Software Configuration	Software Level	Software Version	Maintenance Version
Item:	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Example:	RSPE	3	5	-	24	04	407	T99		T	CC						

1	Product
	RSPE
2	Datarate
3	1000 Mbit/s Ports (GE)
3	Hardware Type
0	Standard
2	Standard with POE
5	Enhanced Redundancy
7	Enhanced Redundancy with POE
4	-
	-
5	Number of 10/100 Mbit/s Ports
24	24* 10/100 Mbit/s Ethernet Ports
6	Number of 10/100/1000 Mbit/s Ports
04	4* 10/100/1000 Mbit/s Ethernet Ports
7	Uplink Port Configuration
407	4* Combo Ports (10/100/1000 Mbit/s)
8	Port Configuration
T99	8* Twisted Pair / RJ45

Annex 1 to NL/DEK/ExTR15.0025/03 and IECEx DEK 15.0013X

9	-
	-
10	Temperature Range
S	Standard 0...+60°C
T	Extended -40...+70°C
E	Extended -40...+70°C (with conformal coating)
U	-20...+70°C (no conformal coating)
G	-20...+70°C (with conformal coating)
11	Voltage Range
CC	2* 24/36/48VDC (18...60VDC)
PP	2* 47... 57VDC (POE); 53... 60VDC)
12	Approvals / Declarations
Z9	CE, FCC, EN61131, EN60950
XX	Depending on approval
13	Software Packages
99	reserved
NA	NAT
14	Customization
HH	Hirschmann Standard
15	Hardware Configuration
S	Standard
M	Fast MRP
P	PRP
H	HSR
D	DLR
16	Software Configuration
E	Entry
B	Diagnostic User (BDEW)
P	Profinet
I	Ethernet/IP
D	DLR Vorkonfiguration
17	Software Level
2S	HiOS Layer 2 Standard
2A	HiOS Layer 2 Advanced
3S	HiOS Layer 3 Standard
XX	Depending on Software level
18	Software Version
03.1.	Software version 03.1.
XX.X.	Newest Software version
19	Maintenance Version
00	Maintenance Version 00
XX	Newest maintenance Version

Annex 1 to NL/DEK/ExTR15.0025/03 and IECEx DEK 15.0013X

Meaning	Product	Datarate	Hardware Type	-	Port Configuration Part A	Port Configuration Part B	Temperature Range	Approvals Range	Customization	Hardware Configuration	Software Configuration	Software Version	Maintenance
Item:	1	2	3	4	5	6	7	8	9	10	11	12	13
Example:	RSPM	2	0	-	4Z6	4T1	S	Z9	HH	S	9	99.9	99

1	Product	
	RSPM	
2	Datarate	
	2	10/100 Mbit/s Ports
3	Hardware Type	
	0	Standard
	2	Standard with POE
4	-	
	-	
5	Port Configuration Part A	
	4Z6	4* SFP Cages (100 Mbit/s)
	4T1	A* Twisted Pair / RJ45
6	Port Configuration Part B	
	4Z6	4* SFP Cages (100 Mbit/s)
	4T1	4* Twisted Pair / RJ45
7	Temperature Range	
	S	Standard 0...+60°C
	T	Extended -40...+70°C
	E	Extended -40...+70°C (with conformal coating)
8	Approvals / Declarations	
	Z9	CE; FCC; EN61131; EN60950
	XX	Depending on approval
9	Customization	
	HH	Hirschmann Standard
	XX	Depending on customization
10	Hardware Configuration	
	S	Standard
	XX	Depending on Hardware configuration
11	Software Configuration	
	9	Without Software Configuration
12	Software Version	
	99.9	No Software
13	Maintenance	