



中国国家强制性产品认证证书



SITIAS
Worldwide Access

证书编号: 2021322310004083

认证委托人名称: Hirschmann Automation and Control GmbH
认证委托人地址: Stuttgarter Str. 45-51, 72654 Neckartenzlingen/ Germany
生产者名称: Hirschmann Automation and Control GmbH
生产者地址: Stuttgarter Str. 45-51, 72654 Neckartenzlingen/ Germany
生产企业名称: Hirschmann Automation and Control GmbH
生产企业地址: Stuttgarter Str. 45-51, 72654 Neckartenzlingen/ Germany
产品名称: 交换机
系列、规格、型号: BRS 系列
标 准: GB/T 3836.1-2021、GB/T 3836.3-2021、GB/T 3836.8-2021

认证模式: 型式试验+初始工厂检查+获证后监督

上述产品符合 CNCA-C23-01:2019 《强制性产品认证实施规则 防爆电气》的要求, 特发此证。
产品相关信息详见附件。

发证日期: 2023 年 04 月 22 日

有效期至: 2026 年 06 月 16 日

首次发证日期: 2021 年 06 月 17 日

证书有效期内本证书的有效性依据发证机构的定期监督获得保持。

本证书的相关信息可通过国家认监委网站 www.cnca.gov.cn 查询



批 准:

邵 华



上海仪器仪表自控系统检验测试所有限公司

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CERTIFICATE FOR CHINA COMPULSORY PRODUCT CERTIFICATION



CERTIFICATE NO: 2021322310004083

APPLICANT: Hirschmann Automation and Control GmbH
ADDRESS: Stuttgarter Str. 45-51, 72654 Neckartenzlingen/ Germany
MANUFACTURER: Hirschmann Automation and Control GmbH
ADDRESS: Stuttgarter Str. 45-51, 72654 Neckartenzlingen/ Germany
FACTORY: Hirschmann Automation and Control GmbH
ADDRESS: Stuttgarter Str. 45-51, 72654 Neckartenzlingen/ Germany

PRODUCT: switch
SERIES,SPECIFICATION,MODEL: BRS series
STANDARDS: GB/T 3836.1-2021、GB/T 3836.3-2021、GB/T 3836.8-2021

Type of Certification: Type test + Initial inspection + Surveillance inspection

This is to certify that the above mentioned product(s) complies with the requirements of implementation rules for compulsory certification (REFNO. CNCA-C23-01:2019).
Refer to the attachment for detailed information.

Valid from: April 22, 2023

Valid until: June 16, 2026

Date of original certification: June 17, 2021

The validity of this certificate is subject to positive result of the periodic surveillance by issuing certification body until the expiry date.

This certificate is available through CNCA's website: www.cnca.gov.cn



APPROVAL:

Guo AiHua



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附 件

产品名称: 交换机

型号规格: BRS a b - c d e f - g h i j k l m n o p q r - s

a 设计及数据速率:

BRS2 = 100 Mbit/s Ports

BRS3 = 100/1000 Mbit/s Ports

BRS4 = 1000 Mbit/s Ports

BRS5 = 1000/2500 Mbit/s Ports

b 硬件类别:

0 = Standard

2 = Standard +PoE

c 100 Mbit/s 接口数量:

00 = 0 × 10/100 Mbit/s Ports; 04 = 4 × 10/100 Mbit/s Ports;

05 = 5 × 10/100 Mbit/s Ports; 06 = 6 × 10/100 Mbit/s Ports;

08 = 8 × 10/100 Mbit/s Ports; 09 = 9 × 10/100 Mbit/s Ports;

10 = 10 × 10/100 Mbit/s Ports; 11 = 11 × 10/100 Mbit/s Ports;

12 = 12 × 10/100 Mbit/s Ports; 16 = 16 × 10/100 Mbit/s Ports;

20 = 20 × 10/100 Mbit/s Ports; 24 = 24 × 10/100 Mbit/s Ports;

d 1000 (2500) Mbit/s 接口数量:

00 = 0 × 100/1000 Mbit/s Ports; 04 = 4 × 100/1000 Mbit/s Ports;

08 = 8 × 100/1000 Mbit/s Ports;

批 准:



上海仪器仪表自控系统检验测试所有限公司



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12 = 12 × 100/1000 Mbit/s Ports or 8 × 100/1000 Mbit/s Ports + 4 × 1000/2500 Mbit/s Ports;

16 = 16 × 100/1000 Mbit/s Ports;

20 = 20 × 100/1000 Mbit/s Ports or 16 × 100/1000 Mbit/s Ports + 4 × 1000/2500 Mbit/s Ports;

24 = 24 × 100/1000 Mbit/s Ports or 20 × 100/1000 Mbit/s Ports + 4 × 1000/2500 Mbit/s Ports;

e 上行端口 1 类别:

99 = identical to the other ports / unavailable;

2T = 2 × Twisted Pair / RJ45 (1000 Mbit/s);

M2 = 1 × Multimode/SC (100 Mbit/s); M4 = 1 × Multimode/ST (100 Mbit/s);

S2 = 1 × Singlemode/SC (100 Mbit/s); S4 = 1 × Singlemode/ST (100 Mbit/s);

E2 = 1 × Singlemode Plus/SC (100 Mbit/s); L2 = 1 × Singlemode LH/SC (100 Mbit/s); G2 = 1 × Singlemode LH/ SC 200 km;

Z6 = 1 × SFP Slot (100 Mbit/s); MM = 2 × Multimode/SC (100 Mbit/s);

NN = 2 × Multimode/ST (100 Mbit/s); VV = 2 × Singlemode/SC (100 Mbit/s);

UU = 2 × Singlemode/ST (100 Mbit/s); EE = 2 × Singlemode Plus/ SC 200 km;

LL = 2 × Singlemode LH/SC (100 Mbit/s); GG = 2 × Singlemode LH/SC (100 Mbit/s);

ZZ = 2 × SFP Slot (100 Mbit/s); OO = 2 × SFP Slot (100/1000 Mbit/s);

2Q = 2 × SFP Slot (100/1000/2500 Mbit/s)

f 上行端口 2 类别:

99 = identical to the other ports / unavailable;

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2T = 2 × Twisted Pair / RJ45 (1000 Mbit/s);
M2 = 1 × Multimode/SC (100 Mbit/s); M4 = 1 × Multimode/ST (100 Mbit/s);
S2 = 1 × Singlemode/SC (100 Mbit/s); S4 = 1 × Singlemode/ST (100 Mbit/s);
E2 = 1 × Singlemode Plus/SC (100 Mbit/s); L2 = 1 × Singlemode LH/SC (100 Mbit/s); G2 = 1 × Singlemode LH/ SC 200 km;
Z6 = 1 × SFP Slot (100 Mbit/s); MM = 2 × Multimode/SC (100 Mbit/s);
NN = 2 × Multimode/ST (100 Mbit/s); VV = 2 × Singlemode/SC (100 Mbit/s);
UU = 2 × Singlemode/ST (100 Mbit/s); EE = 2 × Singlemode Plus/ SC 200 km;
LL = 2 × Singlemode LH/SC (100 Mbit/s); GG = 2 × Singlemode LH/SC (100 Mbit/s);
ZZ = 2 × SFP Slot (100 Mbit/s); OO = 2 × SFP Slot (100/1000 Mbit/s);
2Q = 2 × SFP Slot (100/1000/2500 Mbit/s)

g 温度范围:

S = 0°C to +60°C; C = 0°C to +60 °C, conformal coating;
T = -40°C to +70°C; E = -40°C to +70°C, conformal coating;
G = -40°C to +70°C, conformal coating, glued

h 电压范围:

T = 2 × (12 - 24 V DC); F = 2 × (24 - 48 V DC + 24 V AC);
U = 2 × 24 V DC; P = 2 × (48 V DC (PoE) / 54 V DC (PoE+))

i 外壳

C = IP30 Plastic; D = IP30 metal; E = IP40 metal

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j 批准/声明部分一 (与 CCC 无关):

Z = CE, FCC, EN61131, EN62368-1;

X = Further approvals/ declarations;

k 批准/声明部分二 (与 CCC 无关):

W = ATEX/ IECEX;

x = Further approvals/ declarations;

l 软件包:

9 = Reserved;

m 定制:

HH = Standard;

n 技术:

S = Standard;

o 软件配置:

E = Entry;

P=PROFINET;

p 软件类别:

S = HiOS Layer 2 Standard; A = HiOS Layer 2 Advanced;

B = HiOS Layer 2 Advanced (Dual RSTP Support);

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附 件

q 软件版本:

××.×. = Current Software Release;

08.0.=software version 08.0.

r 软件维护:

00 Maintenance version 00

xx Further maintenance versions

s 生产地址:

NT = Neckartenzlingen (Germany);

SZ = Suzhou (China);

PN = Pune (India)

防爆标志:

Ex ec nC IIC T4 Gc

电气参数:

T = 2 × (12 - 24 V DC); F = 2 × (24 - 48 V DC + 24 V AC);

U = 2 × 24 V DC; P = 2 × (48 V DC (PoE) / 54 V DC (PoE+))

相关报告编号:

2023S17402-010592

使用条件:

特殊(限制)使用条件:

- 1) 设备应安装在不超过 GB/T 16935.1 中规定的 2 级污染区域。
- 2) 使用时应安装在符合 GB/T 3836.3-2021 标准相关要求的的外壳内部, 外壳防护等级不低于 IP54。

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- 3) 应采取措施, 防止瞬态干扰超过额定电压的 140%。
- 4) 产品使用环境温度范围:
S = 0°C to +60°C; C = 0°C to +60 °C, conformal coating;
T = -40°C to +70°C; E = -40°C to +70°C, conformal coating;
G=-40°C to +70°C, conformal coating, glued

批 准:



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