



# 中国国家强制性产品认证证书



证书编号: 2020322313000623

认证委托人名称: Phoenix Contact GmbH & Co. KG  
认证委托人地址: Flachsmarktstrasse 8, 32825 Blomberg, Germany  
生产者名称: Phoenix Contact GmbH & Co. KG  
生产者地址: Flachsmarktstrasse 8, 32825 Blomberg, Germany  
生产企业名称: Phoenix Contact GmbH & Co. KG  
生产企业地址: Flachsmarktstrasse 8, 32825 Blomberg, Germany

产品名称: 接线端子/接地端子  
系列、规格、型号: UK 系列、USLKG 系列、AGK 10-UKH 系列、UKH 系列、  
MSLKG 5 和 UHSK/S 2000

标准: GB 3836.1-2010、GB 3836.3-2010

上述产品符合强制性产品认证实施规则 CNCA-C23-01:2019 的要求, 特发此证。

发证日期: 2020 年 11 月 13 日      有效期至: 2025 年 8 月 13 日

首次发证日期: 2020 年 8 月 14 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](http://www.cnca.gov.cn) 查询



批准:



上海仪器仪表自控系统检验测试所有限公司





# CERTIFICATE FOR CHINA COMPULSORY PRODUCT CERTIFICATION



**CERTIFICATE NO: 2020322313000623**

**APPLICANT:** Phoenix Contact GmbH & Co. KG  
**ADDRESS:** Flachsmarktstrasse 8,32825 Blomberg, Germany  
**MANUFACTURER:** Phoenix Contact GmbH & Co. KG  
**ADDRESS:** Flachsmarktstrasse 8,32825 Blomberg, Germany  
**FACTORY:** Phoenix Contact GmbH & Co. KG  
**ADDRESS:** Flachsmarktstrasse 8,32825 Blomberg, Germany  
**PRODUCTNAME:** Terminal Block / Protective conductor terminal blocks  
**SERIES,SPECIFICATION,MODEL:** UK series、USLKG series、AGK 10-UKH series、UKH series、MSLKG 5 and UHSK/S 2000  
**STANDARDS:** GB 3836.1-2010、GB 3836.3-2010

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).

**Valid from:** November 13, 2020

**Valid until:** August 13, 2025

**Date of original certification:** August 14, 2020

**The validity of this certificate is subject to positive result of the regular follow up inspection by issuing certification body until the expiry date.**

This certificate is available through CNCA's website: [www.cnca.gov.cn](http://www.cnca.gov.cn)



APPROVAL:

Xu JianPing



**Shanghai Inspection and Testing Institute of Instruments and Automation Systems Co., Ltd.**

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# 中国国家强制性产品认证证书



证书编号: 2020322313000623

## 附 件

产品名称: 接线端子/接地端子

型号规格: UK *a b*、USLKG *a b*、AGK 10-UKH *a b*、UKH *a b*、MSLKG 5 *b* 和 UHSK/S 2000 *b*  
其中, *b* 表示端子颜色, 与防爆性能无关, 可以在 *a* 前面或者后面。(以下型号/规格未标注 *b*)

产品具体型号为UK 10 N, UK 16 N, UK 35, UK 35-IB, UKH 50, UKH 50-IB, UKH 95, AGK 10-UKH 50, AGK 10-UKH 95, AGK 10-UKH 150/240, UKH 150, UKH 240, UK 1.5 N, UK 3 N, UK 5 N, UK 6 N, USLKG 1.5 N, USLKG 5, USLKG 5-1, USLKG 10 N, USLKG 10 N-1, USLKG 16 N, USLKG 16 N-1, USLKG 50, USLKG 50-IB, USLKG 95, UK 5-TWIN, MSLKG 5, UK 2.5 N, UKH 70, UHSK/S 2000, UKH 70-PE/S, USLKG 2.5 N, USLKG 2.5 N-1, USLKG 3, USLKG 3-1, USLKG 6 N, USLKG 6 N-1, USLKG 35, USLKG 35-1

防爆标志: Ex eb IIC

电气参数:

型号规格		USLKG 1.5 N	USLKG 5 (-1)		USLKG 10 N (-1)	USLKG 16 N (-1)	USLKG 50 (-IB)	USLKG 95
图号		00207254	00206057		00207467	00207763	00208046	00208048
额定电压 (V)		275	690 (导轨N35)	550 (导轨N32)	690	690	880	880
额定导线 规格 (AWG)	刚性	26-16	24-12		20-6	14-4	6-1/0	4-3/0
额定导线 规格 (AWG)	柔性	26-16	24-12		20-8	12-6	4-1/0	2-3/0
工作温度		-60℃~+110℃						

批 准:



上海仪器仪表自控系统检验测试所有限公司





# 中国国家强制性产品认证证书



证书编号: 2020322313000623

## 附 件

型号规格		UK 10 N	UK 16 N	UK 35(-IB)	UKH 50(-IB)	UKH 95
图号		00210749	00210751	00210753	00210755	00210757
额定绝缘电压(V)		630	630	630	630	800
额定电压(V)		690	690	690	690	880
	带FB(I)桥接	690	690	690	690	-
	带EB桥接	690	-	690	-	690
	带KB(I)桥接	-	-	-	-	-
额定电流(A)		53.5	68	118.5	133	216
	带FB(I)桥接	51.5	66	118.5	130.5	-
	带EB桥接	50	-	105.5	-	177
	带KB(I)桥接	-	-	116	-	-
	接触电阻 (mΩ)	0.12	0.17	0.08	0.1	0.06
额定导线规格 (AWG)	刚性	20-6	14-4	18-1/0	6-1/0	4-3/0
额定导线规格 (AWG)	柔性	20-8	12-6	18-2	4-1/0	2-3/0
多组导线额定规格 (AWG)	刚性	20-12	16-10	18-6	8-6	4-2
多组导线额定规格 (AWG)	柔性	20-12	16-12	18-8	8-6	4-2
工作温度		-60℃~+110℃				

批 准:



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# 中国国家强制性产品认证证书



**SITIiAS**  
Worldwide Access

证书编号: 2020322313000623

## 附 件

型号规格		UKH 150	UKH 240
图号		00260137	00260139
额定绝缘电压(V)		1000	1000
额定电压(V)		1100	1100
	带EB桥接	880	690
额定电流(A)		256	350
	带EB桥接	195.5	270
	接触电阻 (mΩ)	0.06	0.03
额定导线规格 (AWG/kcmil)	刚性	2-300	2/0-500
额定导线规格 (AWG/kcmil)	柔性	1/0-300	2/0-500
多组导线额定规格 (AWG)	刚性	4-1/0	2-3/0
多组导线额定规格 (AWG)	柔性	2-1/0	1/0-3/0
工作温度		-60℃~+110℃	

批 准:



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# 中国国家强制性产品认证证书



证书编号: 2020322313000623

## 附 件

型号规格		UK 1.5 N	UK 3 N
图号		00206701	00208482
安装导轨		NS 35和NS 32	NS 35和NS 32
额定绝缘电压(V)		320	630
额定电压(V)		352	690
	带桥接	69	176
额定电流(A)		15.5	21.5
	带FBRN桥接	15.5	-
	带FBR桥接	-	18.5
	带EBL桥接	-	20
	接触电阻 (mΩ)	0.45	0.5
额定导线规格 (AWG)	刚性	26-16	24-12
额定导线规格 (AWG)	柔性	26-16	24-14
多组导线额定规格 (AWG)	刚性	26-18	24-16
多组导线额定规格 (AWG)	柔性	26-18	24-16
工作温度		-60℃~+110℃	

批 准:



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# 中国国家强制性产品认证证书



证书编号: 2020322313000623

## 附 件

型号规格		UK 2.5 N
图号		00208253
额定绝缘电压(V)		500
额定电压(V)		550
	带FBR桥接和D端板	550
	带FBR桥接	176
额定电流(A)		20.5
	带FBK桥接	20
	接触电阻 (mΩ)	0.34
额定导线规格(AWG)	刚性	24-12
额定导线规格(AWG)	柔性	24-14
工作温度		-60℃~+105℃

批 准:



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# 中国国家强制性产品认证证书



证书编号: 2020322313000623

## 附 件

型号规格		UK 5 N		UK 6 N
图号		00208889		00209331
安装导轨		NS 35	NS 32	NS 35和NS 32
额定绝缘电压(V)		630	500	630
额定电压(V)		690	550	690
	带桥接	176		690
额定电流(A)		27		41
	带FB桥接	27.5		37.5
	带FBI桥接	28.5		39.5
	带FB 150桥接	26		-
	带KB(I)桥接	28		-
	接触电阻 (mΩ)	0.37		0.16
额定导线规格 (AWG)	刚性	24-10		24-8
额定导线规格 (AWG)	柔性	24-12		24-10
多组导线额定规格 (AWG)	刚性	24-16		24-16
多组导线额定规格 (AWG)	柔性	24-16		24-16
工作温度		-60℃~+110℃		

批 准:



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# 中国国家强制性产品认证证书



证书编号: 2020322313000623

## 附 件

型号规格		UKH 70		UHSK/S 2000
图号		00548328		00280476
额定电压(V)		880 (导轨NS 35)	690 (导轨NS 32)	1100
额定电流(A)		180		41
	接触电阻 (mΩ)	0.025		0.3
额定导线规格 (AWG)	刚性	6-000		20-8
额定导线规格 (AWG)	柔性	4-00		20-10
多组导线额定规格 (AWG)	刚性	6-4		20-10
多组导线额定规格 (AWG)	柔性	6-4		20-10
工作温度		-60℃~+110℃		-60℃~+105℃
型号规格		UKH 70-PE/S		-
图号		00865558		
额定导线规格 (AWG)	刚性	6-000		
额定导线规格 (AWG)	柔性	4-00		
工作温度		-60℃~+110℃		

批 准:



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# 中国国家强制性产品认证证书



证书编号: 2020322313000623

## 附 件

型号规格		UK 5-TWIN
图号		00263122
额定绝缘电压(V)		250
额定电压(V)		275
额定电流(A)		32
	带FB桥接	27.5
	带KB桥接	28
	带EB桥接	29.5
	接触电阻 (mΩ)	0.34
额定导线规格(AWG)	刚性	24-12
额定导线规格(AWG)	柔性	24-12
多组导线额定规格(AWG)	刚性	24-16
多组导线额定规格(AWG)	柔性	24-16
工作温度		-50℃~+110℃
型号规格		MSLKG 5
图号		00263031
额定导线规格(AWG)	刚性	24-12
额定导线规格(AWG)	柔性	24-12
工作温度		-50℃~+110℃

批 准:



上海仪器仪表自控系统检验测试所有限公司





# 中国国家强制性产品认证证书



**SITIAs**  
Worldwide Access

证书编号: 2020322313000623

## 附 件

型号规格		AGK 10-UKH 50	AGK 10-UKH 95	AGK 10-UKH 150/240
图号		00294821	00294821	00380534
额定绝缘电压(V)		630	800	1000
额定电压(V)		690	880	1100
额定电流(A)		57	57	57
	接触电阻 (mΩ)	0.6	0.6	0.7
额定导线规格(AWG)	刚性	20-8	20-8	20-8
额定导线规格(AWG)	柔性	20-8	20-8	20-8
多组导线额定规格 (AWG)	刚性	20-10	20-10	20-10
多组导线额定规格 (AWG)	柔性	20-10	20-10	20-10
工作温度		-60℃~+110℃		

型号规格		USLKG 2.5 N	USLKG 2.5 N-1	USLKG 3	USLKG 3-1
图号		00214137	00214137	00214141	00214141
额定导线规格 (AWG)	刚性	24-12	24-12	24-12	24-12
额定导线规格 (AWG)	柔性	24-14	24-14	24-14	24-14
工作温度		-60℃~+110℃			

批 准:



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# 中国国家强制性产品认证证书



证书编号: 2020322313000623

## 附 件

型号规格		USLKG 6 N	USLKG 6 N-1	USLKG 35	USLKG 35-1
图号		00214154	00214154	00271146	00271146
额定导线规格 (AWG)	刚性	24-8	24-8	18-1/0	18-1/0
额定导线规格 (AWG)	柔性	24-10	24-10	18-2	18-2
工作温度		-60℃~+110℃			

批 准:



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# CERTIFICATE FOR CHINA COMPULSORY PRODUCT CERTIFICATION



No. : 2020322313000623

## Attachment

**Product:** Terminal blocks/Protective conductor terminal blocks

**Model:** UK *a b*, USLKG *a b*, AGK 10-UKH *a b*, UKH *a b*, MSLKG 5 *b* 和 UHSK/S 2000 *b*  
*b* indicates the color of terminal block, which is irrelevant with explosion-proof performance. *b* can be bevor or after *a*. (The following models haven't shown *b*)

The model of product is UK 10 N, UK 16 N, UK 35, UK 35-IB, UKH 50, UKH 50-IB, UKH 95, AGK 10-UKH 50, AGK 10-UKH 95, AGK 10-UKH 150/240, UKH 150, UKH 240, UK 1.5 N, UK 3 N, UK 5 N, UK 6 N, USLKG 1.5 N, USLKG 5, USLKG 5-1, USLKG 10 N, USLKG 10 N-1, USLKG 16 N, USLKG 16 N-1, USLKG 50, USLKG 50-IB, USLKG 95, UK 5-TWIN, MSLKG 5, UK 2.5 N, UKH 70, UHSK/S 2000, UKH 70-PE/S, USLKG 2.5 N, USLKG 2.5 N-1, USLKG 3, USLKG 3-1, USLKG 6 N, USLKG 6 N-1, USLKG 35, USLKG 35-1

**Ex marking:** Ex eb IIC

**Electrical  
Parameter:**

Type		USLKG 1.5 N	USLKG 5 (-1)	USLKG 10 N (-1)	USLKG 16 N (-1)	USLKG 50 (-IB)	USLKG 95
Drawing		00207 254	00206 057	00207 467	00207 763	00208 046	00208 048
Rated voltage(V)		275	690 (rail N35)	550 (rail N32)	690	690	880
Connectable conductor cross section(AWG)	rigid	26-16	24-12	20-6	14-4	6-1/0	4-3/0
Connectable conductor cross section(AWG)	flexible	26-16	24-12	20-8	12-6	4-1/0	2-3/0
Service temperature		-60℃~+110℃					

APPROVAL:

Xu JianPing



**Shanghai Inspection and Testing Institute of Instruments and Automation Systems Co., Ltd.**





# CERTIFICATE FOR CHINA COMPULSORY PRODUCT CERTIFICATION



No. : 2020322313000623

## Attachment

Type		UK 10 N	UK 16 N	UK 35(-IB)	UKH 50(-IB)	UKH 95
Drawing		00210749	00210751	00210753	00210755	00210757
Rated insulation voltage(V)		630	630	630	630	800
Rated voltage(V)		690	690	690	690	880
	with bridge FB(I)	690	690	690	690	-
	with bridge EB	690	-	690	-	690
	with bridge KB(I)	-	-	-	-	-
Rated current(A)		53.5	68	118.5	133	216
	with plug-in bridge type FB(I)	51.5	66	118.5	130.5	-
	with plug-in bridge type EB	50	-	105.5	-	177
	with plug-in bridge type KB(I)	-	-	116	-	-
	Contact resistance (mΩ)	0.12	0.17	0.08	0.1	0.06
Connectable conductor cross section(AWG)	rigid	20-6	14-4	18-1/0	6-1/0	4-3/0
Connectable conductor cross section(AWG)	flexible	20-8	12-6	18-2	4-1/0	2-3/0
Multi-conductor connection(AWG)	rigid	20-12	16-10	18-6	8-6	4-2
Multi-conductor connection(AWG)	flexible	20-12	16-12	18-8	8-6	4-2
Service temperature		-60℃~+110℃				

APPROVAL:

Xu JianPing



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# CERTIFICATE FOR CHINA COMPULSORY PRODUCT CERTIFICATION



No. : 2020322313000623

## Attachment

Type		UKH 150	UKH 240
Drawing		00260137	00260139
Rated insulation voltage(V)		1000	1000
Rated voltage(V)		1100	1100
	with bridge EB	880	690
Rated current(A)		256	350
	with bridge EB	195.5	270
	Contact resistance (mΩ)	0.06	0.03
Connectable conductor cross section(AWG)	rigid	2-300	2/0-500
Connectable conductor cross section(AWG)	flexible	1/0-300	2/0-500
Multi-conductor connection(AWG)	rigid	4-1/0	2-3/0
Multi-conductor connection(AWG)	flexible	2-1/0	1/0-3/0
Service temperature		-60℃~+110℃	

APPROVAL:

Xu JianPing



**Shanghai Inspection and Testing Institute of Instruments and Automation Systems Co., Ltd.**





# CERTIFICATE FOR CHINA COMPULSORY PRODUCT CERTIFICATION



No. : 2020322313000623

## Attachment

Type		UK 1.5 N	UK 3 N
Drawing		00206701	00208482
Assembled on mounting rail		NS 35和NS 32	NS 35和NS 32
Rated insulation voltage(V)		320	630
Rated voltage(V)		352	690
	with bridge	69	176
Rated current(A)		15.5	21.5
	with bridge FBRN	15.5	-
	with bridge FBR	-	18.5
	with bridge EBL	-	20
	Contact resistance (mΩ)	0.45	0.5
Connectable conductor cross section(AWG)	rigid	26-16	24-12
Connectable conductor cross section(AWG)	flexible	26-16	24-14
Multi-conductor connection(AWG)	rigid	26-18	24-16
Multi-conductor connection(AWG)	flexible	26-18	24-16
Service temperature		-60℃~+110℃	

APPROVAL:

Xu JianPing



Shanghai Inspection and Testing Institute of Instruments and Automation Systems Co., Ltd.





# CERTIFICATE FOR CHINA COMPULSORY PRODUCT CERTIFICATION



No. : 2020322313000623

## Attachment

Type		UK 2.5 N
Drawing		00208253
Rated insulation voltage(V)		500
Rated voltage(V)		550
	With fixed jumper type FBR...-5-EX and cover type D-UK 2.5(-E)	550
	With fixed jumper type FBR...-5-EX	176
Rated current(A)		20.5
	With fixed jumper type FBR...-5-EX	20
	Contact resistance (mΩ)	0.34
Connectable conductor cross section(AWG)	rigid	24-12
Connectable conductor cross section(AWG)	flexible	24-14
Service temperature		-60℃~+105℃

APPROVAL:

Xu JianPing



Shanghai Inspection and Testing Institute of Instruments and Automation Systems Co., Ltd.





# CERTIFICATE FOR CHINA COMPULSORY PRODUCT CERTIFICATION



No. : 2020322313000623

## Attachment

Type		UK 5 N		UK 6 N
Drawing		00208889		00209331
Assembled on mounting rail		NS 35	NS 32	NS 35和NS 32
Rated insulation voltage(V)		630	500	630
Rated voltage(V)		690	550	690
	with bridge	176		690
Rated current(A)		27		41
	with bridge FB	27.5		37.5
	with bridge FBI	28.5		39.5
	with bridge FB 150	26		-
	with bridge KB(I)	28		-
	Contact resistance (mΩ)	0.37		0.16
Connectable conductor cross section(AWG)	rigid	24-10		24-8
Connectable conductor cross section(AWG)	flexible	24-12		24-10
Multi-conductor connection(AWG)	rigid	24-16		24-16
Multi-conductor connection(AWG)	flexible	24-16		24-16
Service temperature		-60℃~+110℃		

APPROVAL:

Xu JianPing



Shanghai Inspection and Testing Institute of Instruments and Automation Systems Co., Ltd.





# CERTIFICATE FOR CHINA COMPULSORY PRODUCT CERTIFICATION



No. : 2020322313000623

## Attachment

Type		UKH 70		UHSK/S 2000
Drawing		00548328		00280476
Rated voltage(V)		880 (rail NS 35)	690 (rail NS 32)	1100
Rated current(A)		180		41
	Contact resistance ( mΩ )	0.025		0.3
Connectable conductor cross section(AWG)	rigid	6-000		20-8
Connectable conductor cross section(AWG)	flexible	4-00		20-10
Multi-conductor connection(AWG)	rigid	6-4		20-10
Multi-conductor connection(AWG)	flexible	6-4		20-10
Service temperature		-60℃~-+110℃		-60℃~-+105℃
Type		UKH 70-PE/S		-
Drawing		00865558		
Connectable conductor cross section(AWG)	rigid	6-000		
Connectable conductor cross section(AWG)	flexible	4-00		
Service temperature		-60℃~-+110℃		

APPROVAL:

Xu JianPing



Shanghai Inspection and Testing Institute of Instruments and Automation Systems Co., Ltd.





# CERTIFICATE FOR CHINA COMPULSORY PRODUCT CERTIFICATION



No. : 2020322313000623

## Attachment

Type		UK 5-TWIN
Drawing		00263122
Rated insulation voltage(V)		250
Rated voltage(V)		275
Rated current(A)		32
	with FB	27.5
	with KB	28
	with EB	29.5
	Contact resistance (mΩ)	0.34
Connectable conductor cross section(AWG)	rigid	24-12
Connectable conductor cross section(AWG)	flexible	24-12
Multi-conductor connection(AWG)	rigid	24-16
Multi-conductor connection(AWG)	flexible	24-16
Service temperature		-50℃~+110℃
Type		MSLKG 5
Drawing		00263031
Connectable conductor cross section(AWG)	rigid	24-12
Connectable conductor cross section(AWG)	flexible	24-12
Service temperature		-50℃~+110℃

APPROVAL:

Xu JianPing



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# CERTIFICATE FOR CHINA COMPULSORY PRODUCT CERTIFICATION



No. : 2020322313000623

## Attachment

Type		AGK 10-UKH 50	AGK 10-UKH 95	AGK 10-UKH 150/240
Drawing		00294821	00294821	00380534
Rated insulation voltage(V)		630	800	1000
Rated voltage(V)		690	880	1100
Rated current(A)		57	57	57
	Contact resistance (mΩ)	0.6	0.6	0.7
Connectable conductor cross section(AWG)	rigid	20-8	20-8	20-8
Connectable conductor cross section(AWG)	flexible	20-8	20-8	20-8
Multi-conductor connection(AWG)	rigid	20-10	20-10	20-10
Multi-conductor connection(AWG)	flexible	20-10	20-10	20-10
Service temperature		-60°C~+110°C		

APPROVAL:

Xu JianPing



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# CERTIFICATE FOR CHINA COMPULSORY PRODUCT CERTIFICATION



No. : 2020322313000623

## Attachment

Type		USLKG 2.5 N	USLKG 2.5 N-1	USLKG 3	USLKG 3-1
Drawing		00214137	00214137	00214141	00214141
Connectable conductor cross section (AWG)	rigid	24-12	24-12	24-12	24-12
Connectable conductor cross section (AWG)	flexible	24-14	24-14	24-14	24-14
Service temperature		-60°C~+110°C			

Type		USLKG 6 N	USLKG 6 N-1	USLKG 35	USLKG 35-1
Drawing		00214154	00214154	00271146	00271146
Connectable conductor cross section (AWG)	rigid	24-8	24-8	18-1/0	18-1/0
Connectable conductor cross section (AWG)	flexible	24-10	24-10	18-2	18-2
Service temperature		-60°C~+110°C			

APPROVAL:

Xu JianPing



**Shanghai Inspection and Testing Institute of Instruments and Automation Systems Co., Ltd.**