

Zertifikat

Certificate



Zertifikat Nr. *Certificate No.*
R 50547583

Blatt *Sheet*
0001

Ihr Zeichen *Client Reference*
Y.J.J

Unser Zeichen *Our Reference*
01-Qif-CN22KBIL 001

Ausstellungsdatum *Date of Issue*
28.06.2022
(day/mo/yr)

Genehmigungsinhaber *License Holder*

Shanghai TAYEE Electric Co., Ltd.
No.101 Beimin Road, Songjiang
201611 Shanghai
P.R. China

Fertigungsstätte *Manufacturing Plant*

Shanghai TAYEE Electric Co., Ltd.
No.101 Beimin Road, Songjiang
201611 Shanghai
P.R. China

Prüfzeichen *Test Mark*



Geprüft nach *Tested acc. to*
EN 60947-5-1:2017

Zertifiziertes Produkt (Geräteidentifikation)
Certified Product (Product Identification)

Lizenzentgelte - Einheit
License Fee - Unit

Mains Switch (Control Switch)

Type Designation	: VBS TBS	5
Utilization Category	: 1)AC-15; 2)DC-13	
Rated Operational Voltage	: 1)AC 380/240/24V A600:AC 380/240/120V 2)DC 220/110/48/24V N600/Q600:DC 250/125V	
Rated Operational Current	: 1)4A/6A/6A A600:1,9A/3A/6A 2)0,5A/1,2A/3A/6A N600:1,1A/2,2A;Q600:0,27A/0,55A	
Rated Frequency	: 50/60Hz for AC	
Conventional Free Air		
Thermal Current	: 10A	
Rated Insulation Voltage	: 690V	
Pollution Degree	: 3	
Conditional Short-circuit		
Current	: 1000A	
Degree of Protection	: IP65, after installation	
With Direct Opening Action	: Yes	

ANLAGE (Appendix): 1

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde und es bestätigt die Konformität des Produktes mit den oben genannten Standards und Prüfgrundlagen. Zusätzliche Anforderungen in Ländern, in denen das Produkt in Verkehr gebracht werden soll, müssen zusätzlich betrachtet werden. Die Herstellung des zertifizierten Produktes wird überwacht.
This certificate is based on our Testing and Certification Regulation and states the conformity of the product with the standards and testing requirements as indicated above. Any additional requirements in countries where the product is going to be marketed have to be considered additionally. The manufacturing of the certified product is subject to surveillance.

TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg

<http://www.tuv.com/safety> E-mail: markcheck@tuv.com
Fax: +49 221 806-3935



Shanghai TAYEE Electric Co., Ltd.
Ms. Yu Jingjing
Quality Control
No.101 Beimin Road, Songjiang
201611 Shanghai
P.R. China

Date : 28.06.2022
Our ref. : Qif 01
Your ref.: Y.J.J

Ref : R TÜV-Mark Approval

Type of Equipment : Control Switch
Model Designation : See Certificate
Certificate No. : R 50547583 0001
Report No. : CN22KBIL 001

Dear Ms. Yu Jingjing,

The above specified equipment has been tested and found to be in accordance with the relevant requirements.

Please find enclosed your certificate as specified above.

If cancellation of the certificate is submitted by 15 November in a given year, no fee will be charged for the following year.

The certificate is issued with the reservation that the license holder applies all information required in § 6 of the ProdSG related to name and address of the manufacturer or his authorized representative / importer, including their respective contact addresses on the product prior to marketing of the product in the European Economic Area. In case you have a change regarding your involved local representative for the certificate, please inform us in due time.

With kind regards,

Certification Body


Wencai Zhang

cc: Shanghai TAYEE Electric Co., Ltd.

Enclosure

证书的详细资料请登陆www.tuvdotcom.com查阅,或拨打我司客服热线800 999 3668 / 400 883 1300咨询

C E R T I F I C A T E



of Conformity
Low Voltage Directive 2014/35/EU

Registration No.: AN 50547659 0001

Report No.: CN22KBIL 001

Holder: Shanghai TAYEE Electric Co., Ltd.
No.101 Beimin Road, Songjiang
201611 Shanghai
P.R. China

Product: Mains Switch
(Control Switch)

Identification: Type Designation: VBS TBS
Serial No. : Engineering sample

Remark: Issued in conjunction with TÜV Rheinland license
R 50547583 0001.

This certificate of conformity is based on an evaluation of a sample of the above mentioned product. Technical Report and documentation are at the Licence Holder's disposal. This is to certify that the tested sample is in conformity with Annex I of Council Directive 2014/35/EU, referred to as the Low Voltage Directive. This certificate does not imply assessment of the series-production of the product and does not permit the use of a TÜV Rheinland mark of conformity. The holder of the certificate is authorized to use this certificate in connection with the EC declaration of conformity according to Annex IV of the Directive.

Certification Body

Date 28.06.2022



TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg

CE The CE marking may be used if all relevant and effective EC Directives are complied with. CE

Shanghai TAYEE Electric Co., Ltd.
Ms. Yu Jingjing
Quality Control
No.101 Beimin Road, Songjiang
201611 Shanghai
P.R. China

Date : 28.06.2022
Our ref. : Qif 01
Your ref.: Y.J.J

Ref : AN Certificate of Conf. Low Voltage D.

Type of Equipment : Control Switch
Model Designation : See Certificate
Certificate No. : AN 50547659 0001
Report No. : CN22KBIL 001

Dear Ms. Yu Jingjing,

We herewith confirm that a sample of the above mentioned technical equipment has been tested and was found to be in accordance with the relevant requirements.

Enclosed please find your Certificate of Conformity.

We appreciate your kind support and would like to offer our assistance and continuous services in the future.

With kind regards,

Certification Body



Wencai Zhang

CC: Shanghai TAYEE Electric Co., Ltd.

Enclosure


证书的详细资料请登陆www.tuvdotcom.com查阅,或拨打我司客服热线800 999 3668 / 400 883 1300咨询

Certificate No. R 50547583 0001 Our Reference 01-Qif-CN22KBIL 001 Appendix No. 1

Constructional Data Form (CDF) for Switch

Page 1 of 2

License holder: Shanghai TAYEE Electric Co.,Ltd.
 (full address): No.101 Beimin Road, Songjiang 201611, Shanghai, P.R. China
 Factory: Shanghai TAYEE Electric Co.,Ltd.
 (full address): No.101 Beimin Road, Songjiang 201611, Shanghai, P.R. China
 Type or Model Number: VBS, TBS
 Kind of device: Control Switch

Type Reference	VBS, TBS						
Contact material	AgNi(10)/Cu						
Contact form	Form X and/or Form Y						
Insulation voltage	690V						
Utilization category	AC-15			DC-13			
Operational voltage	380V	240V	24V	220V	110V	48V	24V
	380V (A600)	240V (A600)	120V (A600)	250V (N600)	125V (N600)	250V (Q600)	125V (Q600)
Frequency	50/60Hz			//			
Operational current	4A	6A	6A	0,5A	1,2A	3A	6A
	1,9A (A600)	3A (A600)	6A (A600)	1,1A (N600)	2,2A (N600)	0,27A (Q600)	0,55A (Q600)
Conventional free air thermal current	10A						
Conventional enclosed thermal current	//						
Impulse withstand voltage	6kV						
Switching overvoltage	//						
Rated short-time withstand current	//						
Conditional short-circuit current	1000A						
Short circuit protective device	Fuse: 10A, gG						
IP code	IP65; after installation						
Pollution degree	3						
Suitability for isolation	//						
Electrical endurance	6050 cycles						
With direct opening action	Yes 						

TÜV Rheinland Group
License holder

2022.6.27

Felix Qi

Date

Signature

Name

Company Stamp and Signature

Certificate No. R 50547583 0001

Our Reference 01-Qif-CN22KBIL 001

Appendix No. 1

Constructional Data Form (CDF) for Switch

Page 2 of 2

Specification (Terminals)	
Type Reference	VBS, TBS
Terminal designation	10,01,20,11,02,30,21,12,03,40,31,22,13,04,50,41,32,23,14,05,60,51,42,33,24,15,06
Type of Terminal	Screw terminal
Material/plating of the terminals	Copper
Type of conductor	Flexible conductor
Connectable conductors ISO(mm ²) or AWG number metric equivalent (mm ²)	0,5~2,5mm ²
Number of conductors per terminal	1 or 2
Required preparation of the conductor	Unprepared
Tightening torque (Nm)	1,2Nm

Parts in contact with current carrying parts:

Part	Manufacturer	Material name	Glow wire temperature	PTI
Base	Saudi Arabia Basic Industry Company Plastic department of BASF Group Company	PA66	Glow wire: 850°C	175V
Alternative	Shanghai Jinfa Science and Technology Development Co.Ltd. Plastic department of BASF Group Company	PBT/PA6	Glow wire: 850°C	175V
Button	Saudi Arabia Basic Industry Company Plastic department of BASF Group Company	PA66	Glow wire: 650°C	175V
-Alternate	Shanghai Jinfa Science and Technology Development Co.Ltd. Plastic department of BASF Group Company	PBT/PA6	Glow wire: 650°C	175V

Insulation distances

Creepage (mm)	OC: 5,0	P-P: >5,0	L-A: >7,0
Clearance (mm)	OC: 5,0	P-P: >5,0	L-A: >7,0

 OC: Open contacts; P-P: Pole to Pole; L-A: Live part to Accessible part (~~Actuating means~~)

TÜV Rheinland Group	License holder
2022.6.27	Felix Qi
Date	Signature
	Name
	Company Stamp and Signature