

CERTIFICATE



of Conformity Low Voltage Directive 2014/35/EU

Registration No.: AN 50567910 0001

Report No.: CN220WYC 001

Holder: Norbert Ebert
Mühlweg 32
71554 Weissach im Tal
Germany

Product: Surge Protector
(Surge Protective Device)

Identification: Type designation : TRS100-12.5/SA, TRS100/Mod-S
Serial number : Engineering samples
Uc : 300V (L-N), 305V (N-PE)
Iimp : 12.5kA (L-N), 50kA (N-PE)
In : 20kA (L-N), 80kA (N-PE)
Uoc : 6kV
Remark: Details refer to report CN220WYC 001.

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 07.07.2023



Yongming Yang
Yongming Yang

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.



Norbert Ebert
Norbert Ebert

Mühlweg 32
71554 Weissach im Tal
Germany

Date : 07.07.2023
Our ref. : Tianyanru 01
Your ref.: N.E.

Ref : AN Certificate of Conf. Low Voltage D.

Type of Equipment : Surge Protective Device
Model Designation : See Certificate
Certificate No. : AN 50567910 0001
Report No. : CN220WYC 001

Dear Norbert Ebert,

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

Enclosed you will find the certificate of approval.

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

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

Please contact our office for approval of your new products.

With kind regards,

Certification Body



Yongming Yang

CC: Norbert Ebert

Enclosure

证书的详细信息请登陆www.certipedia.com查阅,或拨打我司客服热线800 999 3668 / 400 883 1300咨询

IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT (IECEE) CB SCHEME

CB TEST CERTIFICATE

Product

Surge Protective Device

Name and address of the applicant

Norbert Ebert
Mühlweg 32
71554 Weissach im Tal
Germany

Name and address of the manufacturer

Norbert Ebert
Mühlweg 32
71554 Weissach im Tal
Germany

Name and address of the factory

Note: When more than one factory, please report on page 2

ZHEJIANG CANGFAN ELECTRIC CO., LTD
No.233, Jingwu Road, Economic Development Zone, Yueqing city,
325600 Zhejiang
P.R. China

Ratings and principal characteristics

Uc:300VAC(L-N),305VAC(N-PE);Class I:Iimp:12.5kA(L-N),
50kA(N-PE);Up:1.5kV(L-N),1.7kV(N-PE);
Class II:In:20kA(L-N),80kA(N-PE),Imax:50kA(L-N),
100kA(N-PE);Up:1.8kV(L-N),2.8kV(N-PE);
Class III: Uoc:6kV;Up:1.5kV(L-N),1.5kV(N-PE);
inaccessible; indoor; IP20; Isccr:25kA

Trademark / Brand (if any)

Thor

Customer's Testing Facility (CTF) Stage used

Model / Type Ref.

TRS100-12.5/SA, TRS100/Mod-S

Additional information (if necessary may also be reported on page 2)

N/A

A sample of the product was tested and found to be in conformity with

IEC 61643-11:2011

As shown in the Test Report Ref. No. which forms part of this Certificate

CN22NX4G 001

This CB Test Certificate is issued by the National Certification Body



TÜV Rheinland InterCert Kft., MEEI Division
H-1143 Budapest, Gizella út 51-57., Hungary
Web: www.tuv.com

Date: 2023-06-05

Signature:

Wencai Zhang

