

Estun Automation Co., Ltd  
Yang Leilei

16, Shuige Road, Jiangning  
Development Zone,  
Nanjing  
211106 Jiangsu  
P.R. China

Date : 28.02.2023  
Our ref. : Huanggho 01  
Your ref.: Mr. Bob Comb

**Ref : AN Certificate of Conf. Low Voltage D.**

Type of Equipment : Servo Drive  
Model Designation : See Certificate  
Certificate No. : AN 50575521 0001  
Report No. : CN22ZMP8 002

Dear Yang Leilei,

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.

The certificate holder is: Trio Motion Technology Ltd.

With kind regards,

Certification Body



Bruce Li

Enclosure

证书的详细资料请登陆[www.certipedia.com](http://www.certipedia.com)查阅,或拨打我司客服热线800 999 3668 / 400 883 1300咨询

Trio Motion Technology Ltd.  
Mr. Bob Combes, Project Manager  
R&D  
Shannon Way, Tewkesbury,  
Gloucestershire,  
GL20 8ND  
United Kingdom

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# CERTIFICATE

of Conformity  
Low Voltage Directive 2014/35/EU



Registration No.: AN 50575521 0001

Report No.: CN22ZMP8 002

Holder: Trio Motion Technology Ltd.  
Shannon Way, Tewkesbury,  
Gloucestershire,  
GL20 8ND  
United Kingdom

Product: Controller Device for Servo Motors  
(Servo Drive)

Identification: Type Designation: DX3-1xA##-FS02-\*  
(For variables x, #, -\*, see page 3 of  
report CN22ZMP8 002)  
Serial Number : Engineering Sample  
Remark(s) : Refer to report CN22ZMP8 001-002 for  
details.

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 28.02.2023



*Bruce Li*  
Bruce Li

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.





<b>Prüfbericht-Nr.:</b> <i>Test report no.:</i>	CN22ZMP8 002	<b>Auftrags-Nr.:</b> <i>Order no.:</i>	244447773	Seite 1 von 10 Page 1 of 10
<b>Kunden-Referenz-Nr.:</b> <i>Client reference no.:</i>	2267664	<b>Auftragsdatum:</b> <i>Order date:</i>	2022-09-06	
<b>Auftraggeber:</b> <i>Client:</i>	Trio Motion Technology Ltd. Shannon Way, Tewkesbury, Gloucestershire, GL20 8ND, United Kingdom			
<b>Prüfgegenstand:</b> <i>Test item:</i>	Servo Drive			
<b>Bezeichnung / Typ-Nr.:</b> <i>Identification / Type no.:</i>	See model list for details			
<b>Auftrags-Inhalt:</b> <i>Order content:</i>	CE-LVD Co-License Approval			
<b>Prüfgrundlage:</b> <i>Test specification:</i>	EN 61800-5-1:2007+A1:2017 2 PfG 2516:2014-11			
<b>Wareneingangsdatum:</b> <i>Date of sample receipt:</i>	2022-10-28			
<b>Prüfmuster-Nr.:</b> <i>Test sample no.:</i>	Engineering sample			
<b>Prüfzeitraum:</b> <i>Testing period:</i>	2022-10-28- 2022-11-28			
<b>Ort der Prüfung:</b> <i>Place of testing:</i>	TÜV Rheinland (Shanghai) Co., Ltd.			
<b>Prüflaboratorium:</b> <i>Testing laboratory:</i>	TÜV Rheinland (Shanghai) Co., Ltd.			
<b>Prüfergebnis*:</b> <i>Test result*:</i>	Pass			
<b>geprüft von:</b> tested by: Ghosta Huang	<b>genehmigt von:</b> authorized by: Bowen Dong			
<b>Datum:</b> Date: 2023-02-20			<b>Ausstellungsdatum:</b> Issue date: 2023-02-23	
<b>Stellung / Position:</b>	Sachverständige(r)/Expert	<b>Stellung / Position:</b>	Sachverständige(r)/Expert	
<b>Sonstiges / Other:</b>	The mentioned models listed on above are identical to the original in the previous section report CN22ZMP8 001 except for model name, trademark and/or license holder etc. See following pages for details.			
<b>Zustand des Prüfgegenstandes bei Anlieferung:</b> <i>Condition of the test item at delivery:</i>	Prüfmuster vollständig und unbeschädigt <i>Test item complete and undamaged</i>			
* Legende: P(ass) = entspricht o.g. Prüfgrundlage(n)	F(ail) = entspricht nicht o.g. Prüfgrundlage(n)	N/A = nicht anwendbar	N/T = nicht getestet	
* Legend: P(ass) = passed a.m. test specification(s)	F(ail) = failed a.m. test specification(s)	N/A = not applicable	N/T = not tested	
<p><b>Dieser Prüfbericht bezieht sich nur auf das o.g. Prüfmuster und darf ohne Genehmigung der Prüfstelle nicht auszugsweise vervielfältigt werden. Dieser Bericht berechtigt nicht zur Verwendung eines Prüfzeichens.</b>  <i>This test report only relates to the above mentioned test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any test mark.</i></p>				

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Test report no.:

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**Anmerkungen**  
*Remarks*

1	<p>Alle eingesetzten Prüfmittel waren zum angegebenen Prüfzeitraum gemäß eines festgelegten Kalibrierungsprogramms unseres Prüfhauses kalibriert. Sie entsprechen den in den Prüfprogrammen hinterlegten Anforderungen. Die Rückverfolgbarkeit der eingesetzten Prüfmittel ist durch die Einhaltung der Regelungen unseres Managementsystems gegeben.</p> <p>Detaillierte Informationen bezüglich Prüfkonditionen, Prüfequipment und Messunsicherheiten sind im Prüflabor vorhanden und können auf Wunsch bereitgestellt werden.</p> <p><i>The equipment used during the specified testing period was calibrated according to our test laboratory calibration program. The equipment fulfils the requirements included in the relevant standards. The traceability of the test equipment used is ensured by compliance with the regulations of our management system. Detailed information regarding test conditions, equipment and measurement uncertainty is available in the test laboratory and could be provided on request.</i></p>
2	<p>Wie vertraglich vereinbart, wurde dieses Dokument nur digital unterzeichnet. Der TÜV Rheinland hat nicht überprüft, welche rechtlichen oder sonstigen diesbezüglichen Anforderungen für dieses Dokument gelten. Diese Überprüfung liegt in der Verantwortung des Benutzers dieses Dokuments. Auf Verlangen des Kunden kann der TÜV Rheinland die Gültigkeit der digitalen Signatur durch ein gesondertes Dokument bestätigen. Diese Anfrage ist an unseren Vertrieb zu richten. Eine Umweltgebühr für einen solchen zusätzlichen Service wird erhoben.</p> <p><i>As contractually agreed, this document has been signed digitally only. TÜV Rheinland has not verified and unable to verify which legal or other pertaining requirements are applicable for this document. Such verification is within the responsibility of the user of this document. Upon request by its client, TÜV Rheinland can confirm the validity of the digital signature by a separate document. Such request shall be addressed to our Sales department. An environmental fee for such additional service will be charged.</i></p>
3	<p>Prüfklausel mit der Note * wurden an qualifizierte Unterauftragnehmer vergeben und sind unter der jeweiligen Prüfklausel des Berichts beschrieben.</p> <p>Abweichungen von Prüfspezifikation(en) oder Kundenanforderungen sind in der jeweiligen Prüfklausel im Bericht aufgeführt.</p> <p><i>Test clauses with remark of * are subcontracted to qualified subcontractors and described under the respective test clause in the report.</i></p> <p><i>Deviations of testing specification(s) or customer requirements are listed in specific test clause in the report.</i></p>
4	<p>Die Entscheidungsregel für Konformitätserklärungen in diesem Prüfbericht basiert auf der "Null-Grenzwert-Regel" und der "Einfachen Akzeptanz" gemäß ILAC G8:2019 und IEC Guide 115:2021, es sei denn, in der auf Seite 1 dieses Berichts genannten angewandten Norm ist etwas anderes festgelegt oder vom Kunden gewünscht. Dies bedeutet, dass die Messunsicherheit nicht berücksichtigt wird und daher auch nicht im Prüfbericht angegeben wird.</p> <p><i>The decision rule for statements of conformity in this test report is based on the "Zero Guard Band Rule" and "Simple Acceptance" in accordance with ILAC G8:2019 and IEC Guide 115:2021, unless otherwise specified in the applied standard mentioned on Page 1 of this report or requested by the customer. This means that measurement uncertainty is not taken in account and hence also not declared in the test report.</i></p>

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Test report no.:

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**Produktbeschreibung**  
Product description

1	<b>Produktdetails</b> Product details	Product Name: Servo Drive Trademark:  Model Name: See model list for details
2	<b>Maße / Gewicht</b> Dimensions / Weight	See CN22ZMP8 001 report for details.
3	<b>Bedienelemente</b> Operating elements	-10 to 55 °C work temperature range; IP20 for enclosure with all terminal connected, IP00 for load terminal disconnected; ≤ 1000m altitude
4	<b>Ausstattung / Zubehör</b> Equipment / Accessories	N/A
5	<b>Verwendete Materialien</b> Used materials	N/A
6	<b>Sonstiges</b> Other	See original report CN22ZMP8 001 Test sample(s), as well sample information, description, product details and intended usage was provided by customer.
7	<b>Prüfmusterbereitstellung:</b> Test sample obtaining	<input checked="" type="checkbox"/> Sending by customer <input type="checkbox"/> Sampling by TÜV Rheinland Group <input type="checkbox"/> others:

Model list:

Newly introduced models of Trio Motion Technology Ltd:

DX3-1xA##-FS02-\*

(x can be A5 or 01 or 02 or 04 or 08 or 10 or 15 or 20;

# can be A to Z to indicate encoder software edition;

-\* can be blank to indicate general manufacture;

\* can be 0 to 9 or A to Z or combine of one or more digital numbers, letters and brackets to indicate client number.)

Previously certified models of Estun Automation Co., Ltd:

ED3L-xA##-FS02-\*,

(x can be A5 or 01 or 02 or 04 or 08 or 10 or 15 or 20;

# can be A to Z to indicate encoder software edition;

-\* can be blank to indicate general manufacture;

\* can be 0 to 9 or A to Z or combine of one or more digital numbers, letters and brackets to indicate client number.)