



Product Service

CERTIFICATE

No. Z10 124237 0014 Rev. 00

Holder of Certificate: **WUXI XINJE ELECTRIC CO., LTD.**
No. 816, Jianzhu West Road, Binhu District
214026 Wuxi City, Jiangsu Province
PEOPLE'S REPUBLIC OF CHINA

Certification Mark:



Product: **Safety components**
(AC Drives)

The product was tested on a voluntary basis and complies with the essential requirements. The certification mark shown above can be affixed on the product. It is not permitted to alter the certification mark in any way. In addition the certification holder must not transfer the certificate to third parties. This certificate is valid until the listed date, unless it is cancelled earlier. All applicable requirements of the Testing, Certification, Validation and Verification Regulations of TÜV SÜD Group have to be complied. For details see: www.tuvsud.com/ps-cert

Test report no.: WW106222C

Valid until: 2031-01-18

Date, 2026-01-20

(Matthias Ramold)



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Parameters: Rated input: See model list for detail
 Rate output: See model list for detail
 Temperature range: -10°C to +40°C
 Humidity Below: 90% RH
 Altitude Below: 1000m
 Safety function STO (SIL 3, Cat, 3, PL e)

Tested according to: ISO 13849-1:2023 (Cat. 3, PL e)
 EN ISO 13849-1:2023 (Cat. 3, PL e)
 IEC 61508-1:2010 (SIL 3)
 IEC 61508-2:2010 (SIL 3)
 EN 61508-1:2010 (SIL 3)
 EN 61508-2:2010 (SIL 3)
 EN 61800-5-1:2007/A11:2021
 IEC 61800-5-2:2016
 EN 61800-5-2:2017
 EN IEC 62061:2021 (maximum SIL 3)
 IEC 62061:2021 (maximum SIL 3)

Model(s): Safety STO DS5C2-FS series AC Drive

Product model summary

- DS5C2-20P1-PTA-FS(a)(b)
- DS5C2-20P4-PTA-FS(a)(b)
- DS5C2-20P7-PTA-FS(a)(b)
- DS5C2-21P0-PTA-FS(a)(b)
- DS5C2-21P5-PTA-FS(a)(b)
- DS5C2-22P3-PTA-FS(a)(b)
- DS5C2-22P6-PTA-FS(a)(b)
- DS5C2-41P0-PTA-FS(a)(b)
- DS5C2-41P5-PTA-FS(a)(b)
- DS5C2-42P3-PTA-FS(a)(b)
- DS5C2-43P0-PTA-FS(a)(b)
- DS5C2-45P5-PTA-FS(a)(b)
- DS5C2-47P5-PTA-FS(a)(b)

Remark.

"(a)" means special function requirements, which can be FH or blank: FH: High protection type; blank: Standard
 "(b)" means product/client code, which can be the suffix "xxxxxxxxxxxxxx", where "x" can be "0-9", "a-z", "A-Z", "-" or blank.

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Nomenclature

A B C D -E F - G- H-(a) (b)

1. A represents different servo products, which can be DS: General purpose servo driver
2. B represents different series, which can be 5 or 6;
3. C means different functions, which can be C,L, K;
C: Ethercat model
L: Pulse type
K: Fully functional
4. D represents different versions, which can be 1,2,1S,5,blank;
5. E means different power supply voltage, can be 2,4;
2: 220V power supply
4: 380V power supply
6. F means different power or current, which can be:
0P1:0.1KW
0P4:0.4KW
0P7:0.75KW
1P0:1KW
1P5:1.5KW
2P3:2.3KW
2P6:2.6KW
3P0:3KW
5P5:5.5KW
7P5:7.5KW
7. G means the type of encoder to be adapted
PTA : Suitable for absolute value encoder
Blank: Suitable for multiple types
8. H means special function requirements, which can be FS or blank:
FS : Function safety
blank : Standard
9. (a) means special function requirements, which can be FH or blank: FH: High protection type
blank: Standard
10. (b) means product/client code, which can be the suffix "xxxxxxxxxxxxx", where "x" can be "0-9", "a-z", "A-Z", "-" or blank.