ZERTIFIKAT ◆ CERTIFICATE ◆ 認證證書 ◆ СЕРТИФИКАТ ◆ CERTIFICADO ◆ CERTIFICAT

Product Service

C E R T I F I C A T E

No. Z10 092835 0108 Rev. 00

Holder of Certificate: **Suzhou Inovance Technology Co., Ltd.**
No. 52, Tian E Dang Road, Wuzhong District
215104 Suzhou City, Jiangsu Province
PEOPLE'S REPUBLIC OF CHINA

Certification Mark:

Product: **AC Servo Systems**
AC Drive (MD810),
AC Servo Drive (IS810, ES810)

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.: **SS104738C**

Valid until: 2030-05-01

Date, 2025-05-06

(Matthias Ramold)

TÜV SÜD Product Service GmbH • Certification Body • Ridlerstraße 65 • 80339 Munich • Germany

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Parameters:

Ambient temperature	-10 °C ... +50 °C
Humidity	max. 95% RH
Altitude	max. 3000 m above sea level
Safety function	STO: Cat.3, PL e / SIL 3

Tested according to:

EN ISO 13849-1:2023
IEC 61508-1:2010
IEC 61508-2:2010
EN 61508-1:2010
EN 61508-2:2010
IEC 61800-5-2:2016
EN 61800-5-1:2007/A1:2017
EN 61800-5-2:2007
EN IEC 62061:2021

Model(s): MD810, IS810, ES810 series

MD810 - 50M 4T * * G * * 1 *
I II III IV V VI VII VIII IX X

Key	No	Content
Product category	I	MD810: AC drive
Unit type	II	50M: drive unit
Voltage class	III	4T: 380 V - 480 V
Number of axes	IV	D: double axes Blank: single axis
Applicable motor power	V	1.5-18.5kW both for single axis and double axes: 1.5: 1.5 kW; 7.5: 7.5 kW; 2.2: 2.2 kW; 11: 11 kW; 3.7: 3.7 kW; 15: 15 kW; 5.5: 5.5 kW; 18.5: 18.5 kW; 22-160 kW are only for single axis: 22: 22 kW; 55: 55 kW 132: 132 kW 30: 30 kW; 75: 75 kW 160: 160 kW 37: 37 kW; 90: 90 kW 45: 45 kW; 110: 110 kW
Model	VI	G: general
Optional function part (non-safety related)	VII	0: No PG card 2: Built-in differential PG card 3: Built-in 23-bit PG card 4: Built-in resolver + frequency division 5: Built-in differential encoder + Differential/Sin-cos/23-bit/SSI encoder + frequency division
Optional communication part (non-safety related)	VIII	0: Standard built-in RS485 1: Built-in Profibus-DP Card 3: Built-in EtherCAT
Optional extension part	IX	1: Built-in STO
Suffix (non-safety related)	X	10 digits, can be blank or combination of any alphanumeric and/or symbols that represents customer identity.

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Product Service

CERTIFICATE

No. Z10 092835 0108 Rev. 00

IS810 N 50M 4T * * * *
I II III IV V VI VII VIII

Key	No	Content
Product category	I	AC Servo drive
Drive type	II	N: network
Unit type	III	50M: drive unit (50 mm wide)
Voltage class	IV	4T: 380 V - 480 V
Number of axes	V	S: single axis D: double axes
Rated current and rated power	VI	single axis: 3R5: 3.5A, 850W; 5R4: 5.4A, 1.3kW 8R4: 8.4A, 1.8kW; 012: 12A, 2.9kW 017: 16.5 A, 4.4 kW; 021: 20.8 A, 5.5 kW; 026: 25.7 A, 7.5 kW; 032: 32 A, 15 kW; 037: 37 A, 18.5 kW 045: 45A, 22kW; 060: 60A, 30kW; 075: 75A, 37kW; 090: 90A, 45kW; 112: 112A, 55kW; 152: 152A, 75kW; 240: 240A, 120kW double axes: 3R5: 3.5A, 0.85kW; 5R4: 5.4, 1.3kW; 8R4: 8.4A, 1.8kW; 012: 11.9A, 2.9kW; 017: 16.5A, 4.4kW; 021: 20.8A, 5.5kW; 026: 25.7A, 7.5kW; 032: 32A, 15kW; 037: 37A, 18.5kW
Model (non-safety related)	VII	INT: international Blank: normal
Suffix (non-safety related)	VIII	10 digits, can be blank or combination of any alphanumeric and/or symbols that represents customer identity.

**ES810 - 50M 4T * - * 0 *
I II III IV V VI VII**

Key	No	Content
Product category	I	AC Servo drive series
Unit type	II	50M: drive unit
Voltage class	III	4T: 380 V – 480 V
Applicable motor power	IV	005: 2.2 kW; 032: 15 kW; 091: 45 kW 009: 3.7 kW; 037: 18.5 kW; 112: 55 kW 013: 5.5 kW; 045: 22 kW; 150: 75 kW 017: 7.5 kW; 060: 30 kW; 200: 105 kW; 025: 11 kW; 075: 37 kW; 240: 126 kW
Optional function part (non-safety related)	V	0: Rotary transformer 1: other encoder 2: Weton encoder
Optional function part	VI	0: STO function
Suffix (non-safety related)	VII	10 digits, can be blank or combination of any alphanumeric and/or symbols that represents customer identity.

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