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

Product Service

EC-Type Examination Certificate

No. M6A 092835 0278 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

Product: **AC Servo Systems**

AC Drive (MD810),
AC Servo Drive (IS810, ES810)

This EC Type Examination Certificate is issued according to Article 12(3) b or 12(4) a of Council Directive 2006/42/EC relating to machinery. It confirms that the listed Annex-IV equipment complies with the principal protection requirements of the directive. It refers only to the sample submitted to TÜV SÜD Product Service GmbH for testing and certification. For details see: www.tuvsud.com/ps-cert

Test report no.: **SS104738C**

Valid until: 2030-10-12

Date, 2025-10-23

(Matthias Ramold)

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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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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.

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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.

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

The safety function STO of MD810 AC Drive and IS810, ES810 AC Servo Drive complies with the requirements of the relevant standards:
- EN 61800-5-1:2007 + A1:2017 + A11:2021
- EN 61800-5-2:2007 / EN 61800-5-2:2017 (SIL 3)
- EN 61508-1:2010 & EN 61508-2:2010 (SIL 3)
- EN ISO 13849-1:2015 / EN ISO 13849-1:2023 (Cat. 3, PL e)

and can be used in applications up to these safety levels.The product can be used in the application area of EN IEC 62061:2021

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