



Product Service

CERTIFICATE

No. Z10 106467 0001 Rev. 03

Holder of Certificate: **Oriental Motor Co., Ltd.**

5-8-3 Tokodai
Tsukuba-shi, Ibaraki
300-2635 JAPAN

Certification Mark:



Product: **Safety systems
Stepping motor driver**

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 and certification regulations of TÜV SÜD Group have to be complied. For details see: www.tuvsud.com/ps-cert

Test report no.: OT94559T

Valid until: 2026-10-27

Date, 2021-10-29

(Christian Dirmeier)



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Parameters:	STO input Voltage:	24 Vdc ±10%
	Ambient temperature:	
	Operation	0 to +55 °C (+32 to +131 °F) (non-freezing)
	Storage	-25 to +70 °C (-13 to +158 °F) (non-freezing)
	Altitude:	
	Operation	Up to 1,000 m (3,300 ft.) above sea level
Storage	Up to 3,000 m (10,000 ft.) above sea level	
Safety function:	STO (EN/IEC 61800-5-2)	

Tested according to:	IEC 61800-5-2:2016
	EN 61800-5-2:2017
	IEC 61800-5-1:2007/AMD1:2016
	EN 61800-5-1:2007/A1:2017
	IEC 61508-1:2010 (SIL 3)
	EN 61508-1:2010 (SIL 3)
	IEC 61508-2:2010 (SIL 3)
	EN 61508-2:2010 (SIL 3)
	ISO 13849-1:2015 (Cat.3, PL e)
	EN ISO 13849-1:2015 (Cat.3, PL e)
IEC 61000-6-7:2014	
EN 61000-6-7:2015	

Model(s): **AZ AC input stepping motor driver**
 For nomenclature see next page



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Nomenclature of AZ AC input driver

AZD – a b – [A]

with:

a Input voltage

- A AC 100-120V
- C AC/3AC 200-240V

b Type

- Blank Pulse input type
- D Built-in Controller type
- X Pulse input type with RS-485 Communication
- EP EtherNet/IP compatible Type
- ED EtherCAT compatible Type
- PN PROFINET compatible Type
- S3 SSCNETIII/H compatible type
- M3 MECHATROLINK-III compatible type

[A] Custom number (Non-safety related)

- Blank
- 2 or more alphanumeric Customized specifications (i.e. packaging, parameters, switches setting, accessories etc.)